

From The STAFF

W.T.F.D.A. Headquarters, P.O. Box 514, Buffalo, NY 14205

DON'T MISS IT!...The subject of DXing will be the main focus of a nationwide phone-in radio talk show in the U.S. in the early morning hours of Saturday, December 15th. and there'll be a few WTFDAers on the show! It's being produced by member Greg Hardison, and it should be of great interest to all DX enthusiasts, since the wide world of DXing in general will be discussed. There's much more to DXing than just the VHF and UHF bands--but in case you haven't already discovered this for yourself, here's your chance. The show will be broadcast on the ABC Talkradio network; complete details appear on page 19.

WTFDA MEMBERS TAKING THE BYTE...It looks like John Combs really started something with his "DX Distance" computer program article in the July VUD issue. Ever since the followup article by Larry Fuss appeared, we've been receiving many interesting responses. Related to all this is this comment from Larry Fuss: "I had quite a few requests for the Distance and Bearing program that I offered for TRS-80 computers, so I thought I might also make available the same program for the TI-99/4A and also for computers using 'pocket basic' language (Radio Shack pocket computers). If anyone wants a copy, specify which, and send a self-addressed envelope to me." Larry's address: Contemporary Communications, P.O. Box 3976, Jackson GA 30233.

IDEAS, ANYONE?...Speaking of home computers, many members are now using them to keep their running DX logs, files of QSL collections, and so forth. If you have a particularly interesting use for the computer in VHF/UHF DXing, drop us a line--it might make an interesting VUD feature article.

GET YOUR COPY TODAY...The WTFDA TRANSLATOR/LOW POWER TV LIST is selling quite well, but this can be a problem if you wait too long to order your copy; once we run out of them, it could be a year (or longer) until more can be published. The solution? Place your order today! The LIST is an 84-page booklet jam-packed with data on thousands of VHF and UHF TV translators and low-power TV broadcast outlets currently operating in the continental U.S., and costs \$6.95. All copies are sent via first class mail. Order from WTFDA H.Q.

CONVENTION '85...It may be hard to believe that 1985 is just around the corner--1984 is still producing some interesting DX openings in widely scattered areas. As winter approaches, we like to think ahead to next summer's WTFDA convention...more news about the big event will be in the January VUD.

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This month's cover by Dave Nieman.



MAILBOX

December 1984

Alan Hyams
P.O. Box 130
City Island Sta.
Bronx, NY 10464

Rich Wertman, of Lockport, New York, sends in his "DX autobiography":

"Well, my DX life all started back thirteen years ago when I was ten. I still remember my folks having a crossfire (medium sized) on the chimney, and I was stunned being able to watch Barrie and Kitchner, Ontario.

As time progressed, I got involved in all types of communications. I went for my amateur license - and didn't make it, however. I'm also into PSB monitoring. I use a Bearcat 300 for that. I used to think Bearcat was tops in crystalless scanners until I got this one. Don't get me wrong- this scanner works like a charm- when it works. It's been back to Electra twice for repairs, but not in the last six months (I'm keeping my fingers crossed).

I've always been a TV DXer, but I haven't always had the green for the elaborate stuff. I started out with a four bay bowtie on the roof (with no rotor) seven years ago. When tropes started rolling in, I'd run out onto the roof (in the middle of the night) and give it the "Armstrong" method of turning antennas.

Around then I met another local DXer. We met over a CB radio which we both threw into a trash can a few years later. He showed me all the neat tricks on antennas and more. As time moved on, Paul Crego and I have probably become the craziest TV DXers in Lockport (probably the only ones as well-ED.). We're both going against the city's ordinance of limiting tower structures to thirty feet- but what do they know anyhow! We have both progressed heavily into UHF because the VHF channels around here are packed with locals: 2,4, and 7 in Buffalo, NY; 5,6,9,11, 12 and 13 within fifty miles (in Canada); and 8, 10 and 13 in Rochester, NY. We only have about six real locals on UHF. Only one gives me any real problems with overload: WUTV, Channel 29. Their transmitter is in Grand Island, NY, and I can see their tower from the roof of my house.

There is a question me and Paul would like to know the answer to. We both have small, stacked VHF antennas in our back yards about eleven feet high. If we tilt these at a 35° angle, would it help or hurt our chances on E skip? Dave Nieman gave us the idea of stacked antennas on the ground. He lives about fifteen miles from Channel 2's tower in Buffalo and he's caught E skip over the top of them. He believes that leaving the antennas low will cut the locals down and bring the chances for E's up. I've found this to be true because we both have monster VHF antennas at sixty feet that don't do anything for E skip. But with the little ones on the ground we can see glimpses of E skip. Supposedly E-layers are sixty to seventy five feet up, so we wonder if this 35° tilt might point us into the layer better.

For UHF, I am now using a Channel Master seven foot dish I picked up used for twenty dollars. I cleaned it up and replaced all the rivets with bolts. Also, I had an old Radio Shack outdoor amplifier laying around and it doesn't work too bad. It's a VHF-UHF model- I'm using it for UHF. The amp is rated at 25dB VHF and 20dB UHF- or so it says. I don't believe this is true, but it doesn't overload on the locals and the noise isn't too awful. I would recommend this as a starter amp but you must use 75 ohm cable or hardline. The hardline I use is top-of-the-line 75OHM transmission line. It puts R9-6 and 11 to shame. It also costs about a dollar twenty five a foot. However, if you check your local cable company (TV, that is), you might find that they waste tons of this stuff. I have a friend at the local cable company here who told me they buy it in five thousand foot spools. They use all but about two hundred fifty feet of it and then they throw it out. At a cost of \$0.00 a foot, it's worth checking into. This stuff doesn't exhibit loss on UHF. In fact you gain 3 to 4 dB compared to regular cable. The way I figure it, if cable companies use it for their main feeding line it must be good. The only problem with hardline is that you have to be careful when bending it.

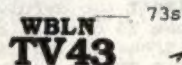
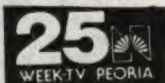
continued

As far as FM goes, I don't have any more room on my roof for an FM antenna, but next spring I'm planning to put one on the tower. I do most of my FM DXing from my pick-up truck. I use a KP-500 Supertuner with an FM antenna mounted eight feet up on my roll bar. I've had good results with it. I was on vacation last summer in the Allegheny Mountains and I caught some great E's from Texas, Louisiana, etc. I'm sure being on a mountain helped, though."

Ralph Strobel's comments in the September VUD have certainly provoked some thought. Last month in Mailbox, Robert Goodman of the Bronx gave his opinions as to Strobel's views on logging procedures. This month, Thomas J. Yingling, Jr. of Baltimore "puts in his 2c" on the matter. You may want to consult Strobel's column to follow along with this point by point commentary.

1. Yes, hearing new call letters should be counted as hearing a new station. How would I know if they were taken over by a new company, sold or whatever? (I have always counted a call change a new station.)
2. Yes, hearing only the call letters should be enough for proof. For example, during skip, when stations are battling for the same frequency, what if one comes in momentarily, and then the other takes over for good. On hearing a small part of a news item for such and such a city, and there is only one city of that name on that frequency as per FM Atlas, then I would count such a station as being heard.
3. Guessing the format may be of use. It would depend, but still a big maybe.
4. Yes. If a station was heard or seen (TV) and you call the station, and talk to somebody in programming or whatever and what you logged as far as commercials, jingles, phone numbers, etc. (something that the station would have had to log) matches with their records, then yes. This is very good for TV DX, where you may never get to see the ID due to fadeout or whatever, yet you may get plenty of items for report.
5. This should only be the house where you live. Lots of places near where you live might have that extra something needed to be able to log a particular station. You should keep logs for each location. Some members of our club go on drives to high spots close to home for the added DX advantage, when they know they could never receive these stations at home. I know that places a few miles from me can be better for AM DXing, Police Radio DXing and TV DXing. When the DX is received from elsewhere, it is not an accurate representation of what is possible from where you live. "

It seems that this topic is a somewhat controversial one. And why not? Rules for logging stations go right into the heart of the hobby. Something to think about while you flick the switches and watch the meters. Till next time, hope the flicking and watching pay off!



VHF UTILITY DX

Donald L. Blevins
1657 Essex Towne Circle
Baltimore, MD 21221
phone: 301-391-3408

VHF UTILITY DX.....This month features Massachusetts, Rhode Island and Connecticut Utilities. As I have noted previously, the data here only represents actual frequencies licensed and not necessarily frequencies in use. In order to get a complete picture of a communications networks of various utilities as outlined, it is necessary to program all the listed frequencies and eliminate those not in use.

These records reflect actual FCC Microfiche files as researched by the author and I can but draw little conclusion from the information contained herein. My conclusions are only due to my own local experience in the Baltimore-Washington Metropolitan Areas.

As a general rule, wherever a large group of frequencies are allocated, the higher frequencies are the most utilized, as this normally indicates a gradual trend towards the phasing out of lower skip prone frequencies. Keep in mind that this is a conclusion drawn from my personal observation of operations of the Potomac Electric Power Company. The Potomac Electric Power Company supplies Electric Power for the District of Columbia and a Portion of Maryland just to the north of the District.

The Baltimore Gas and Electric Company, on the other hand, uses blocks of frequencies from all three bands. There service area is a great deal larger encompassing all of Baltimore County, Baltimore City, Carroll County to the West and about 80% of Harford County to the East.

In so much as the Baltimore Gas and Electric Company is concerned, lower frequencies are generally utilized by construction crews, overhead electric wire crews and routine substation maintenance.

Trouble crews, those personnel who are first to respond in the event of storm damage, gas leaks and major appliance repair, operate of VHF High Band frequencies. UHF High is used by commercial service for the termination or activation of service in connection with bill payment.

RHODE ISLAND

BLACKSTONE VALLEY ELECTRIC CO 037.60	NEW ENGLAND POWER SERVICE CO 037.60
BRISTOL AND WARREN GAS CO 153.665	NEUPORT ELECTRIC COMPANY 047.90
BRISTOL COUNTY WATER COMPANY 451.05	PROVIDENCE (CITY OF) 153.71
EUR SERVICE CORP 451.225	PROVIDENCE GAS COMPANY 153.725
NEW ENGLAND POWER SERVICE CO 048.54	PROVIDENCE GAS COMPANY 153.545
NEW ENGLAND POWER SERVICE CO 048.50	PROVIDENCE GAS COMPANY 153.455
NEW ENGLAND POWER SERVICE CO 048.48	PROVIDENCE GAS COMPANY 153.41
NEW ENGLAND POWER SERVICE CO 048.05	SOUTH COUNTY GAS COMPANY 153.665
NEW ENGLAND POWER SERVICE CO 047.95	WAKEFIELD WATER COMPANY 047.92



BOZRAH LIGHT + POWER
048.54

BRIDGEPORT HYDRAULIC CO
048.18

BRISTOL (CITY OF)
047.84

CONN YANKEE ATOMIC POWER CO
037.60

CONNECTICUT AMERICAN WATER
153.56

CONNECTICUT AMERICAN WATER CO
048.10

CONNECTICUT LIGHT & POWER
451.20 48.52 48.16 37.80
37.78 37.74 37.60 37.48
37.76

CONNECTICUT NATURAL GAS
158.265 158.175 158.145
153.665 153.485 153.47
153.425 153.40 47.76 48.38
37.56

CONNECTICUT WATER COMPAN.
047.70

CONNECTICUT YANKEE ATOMIC
451.15

CONNECTICUT YANKEE ATOMIC
451.10

CRYSTAL WATER COMPANY
048.00

FARMINGTON RIVER POWER CO
047.80

GROTON (CITY OF)
048.30

HARTFORD ELECTRIC LIGHT
451.25 48.40 48.34 48.20
48.16 47.90 37.80 37.78
37.60 37.48 48.52

HOLYOKE WATER POWER COMPANY
037.60

JEWETT CITY ELECTRIC LIGHT
153.62

METROPOLITAN DISTRICT
153.50

METROPOLITAN DISTRICT
048.10

NEW CANAAN WATER COMPANY
047.48

NEW HAVEN WATER COMPANY
037.54

NORTHEAST NUCLEAR ENERGY
451.25 451.075 451.05
451.025 153.695 37.60

NORTHEAST UTILITIES SERV CORP
037.60

NORTHEAST UTILITIES SERVICE
451.05

NORWALK (CITY OF)
153.635

NORWICH (CITY OF)
153.59

ROCKVILLE WATER + AQUEDUCT CO
047.70

SOUTH NORWALK ELECTRIC WORKS
048.08

SOUTHERN CONNECTICUT GAS
158.19

SOUTHERN CONNECTICUT GAS CO
153.53

SOUTHINGTON (TOWN OF)
037.86

THOMASTON WATER COMPANY
047.70

TORRINGTON WATER COMPANY
153.71

UNIONVILLE WATER COMPANY
153.44

UNITED ILLUMINATING CO
451.20 451.15 451.075
48.36 48.26 48.46

WALLINGFORD (TOWN OF)
047.92

COMMONWEALTH GAS COMPANY
037.46

NORTHEAST UTILITIES SERV CO
037.48

WAKEFIELD (TOWN OF)
037.50

AUBURN WATER DISTRICT
153.455

BARNSTABLE (TOWN OF)
047.74

BELMONT (TOWN OF)
153.62

BERKSHIRE GAS CO
047.70

BAY STATE GAS COMPANY
47.74 158.22 48.24 47.82
47.78

BOSTON EDISON
158.16 153.50 153.425
37.78 37.60

BOSTON GAS COMPANY
158.19 158.13 153.53
153.44 37.62

BOURNE WATER DISTRICT
047.74

BOYLSTON (TOWN OF)
048.38

BREWSTER (TOWN OF)
047.74

BROCKTON EDISON
153.695

BROCKTON EDISON
037.60

CAMBRIDGE ELECTRIC LIGHT
158.25

CAMBRIDGE ELECTRIC LIGHT
037.66

CANAL ELECTRIC COMPANY
158.175

CANAL ELECTRIC COMPANY
037.60

CAPE COD GAS CO
048.36

CHATAM WATER COMPANY
047.74

CHICOPEE (CITY OF)
037.66

CHICOPEE ELECTRIC LIGHT DEPT
037.66

COMMONWEALTH GAS COMPANY

MASSACHUSETTS

COMMONWEALTH GAS COMPANY
451.25 451.10 48.02
37.72 37.70 37.46

DANVERS (TOWN OF)
047.80

DEPHAM WATER COMPANY
451.20

DENNIS WATER DISTRICT
047.74

ESSEX (COUNTY OF)
451.075

EUA SERVICE COMPANY
451.175

EUA SERVICE COMPANY
451.075

FALL RIVER (CITY OF)
047.84

FALL RIVER ELECTRIC LIGHT CO
037.60

FALMOUTH (TOWN OF)
047.74

FITCHBURG GAS + ELECTRIC
037.58

GEORGETOWN (CITY OF)
037.64

GROVELAND (TOWN OF)
153.62

HARWICH (TOWN OF)
047.74

HAVERHILL GAS COMPANY
048.18

HINGHAM (TOWN OF)
048.34

HINGHAM WATER COMPANY
451.05

HOLYOKE (CITY OF)
451.075

HOLYOKE (CITY OF)
158.205

HOLYOKE (CITY OF)
153.65

HOLYOKE (CITY OF)
047.72

HOLYOKE WATER COMPANY
037.78

HOLYOKE WATER POWER COMPANY
037.60

LOWELL GAS COMPANY
153.71

MANCHESTER ELECTRIC COMPANY
153.47

MANSFIELD MUNICIPAL ELECTRIC
158.235

MARBLEHEAD (TOWN OF)
153.665

MARBLEHEAD MUNICIPAL LIGHT
153.665

MASS MUNICIPAL WHOLESALE ELEC
153.575

MASS MUNICIPAL WHOLESALE ELEC
037.60

MIDDLE (TOWN OF)
158.175

MIDDLEBORO (TOWN OF)
047.94

MONTAUP ELECTRIC COMPANY
037.60

NEW BEDFORD GAS/EDISON LIGHT
451.25 451.125 451.025 37.76

NEW ENGLAND POWER SERVICE CO
48.34 451.15 48.50 48.48 48.44
48.42 48.30 48.28 48.22 48.12
48.06 47.96 48.54 47.88 37.60

NORTH ATTLEBORO (TOWN OF)
047.70

NORTHEAST NUCLEAR ENERGY
153.695

NORTHEAST UTILITIES SERVICE CO
37.74 48.40 48.20 48.16 47.90
47.86 37.48 48.52 37.80

NORTHERN STATES ELECTRIC CO
451.18

NORTHERN STATES POWER CO
451.25

NORTHERN STATES POWER CO
451.20

PEABODY (CITY OF)
048.46

PITTSFIELD WATER DEPARTMENT
037.76

ROULEY MUNICIPAL LIGHTING
153.62

SALISBURY WATER COMPANY
048.20

SOUTH HADLEY (CITY OF)
153.41

SOUTHBORO (TOWN OF)
047.94

SOUTHBRIDGE WATER SUPPLY
153.68

STERLING (TOWN OF)
048.38

TAUNTON MUNICIPAL LIGHTING
158.19

WAKEFIELD (TOWN OF)
037.50

WARE (TOWN OF)
451.025

WAYLAND (TOWN OF)
153.41

WEST BOYLSTON (TOWN OF)
048.38

WESTERN MASS ELECTRIC CO
48.34 48.16 48.04 47.98 47.86
37.74 451.10

WESTFIELD (CITY OF)
048.14

YARMOUTH (TOWN OF)
047.74



ANTENNA NEWS

Doug Dornbos
3009 Port Sheldon
Hudsonville, MI
49426

December 1984

Do we not reach out for far-distant signals in hope of bringing them near?

Do we not listen to the barely audible in hopes of hearing the unexplainable?

Do we not patiently wait for the one moment of pleasure in hopes that it will be worth the hours of strain?

During this Christmas-time of year, it is my sincere hope that in your reaching out, the Christ-child may draw you near.

That in your listening, you may relish again His unexplainable story of love.

And that you and your's may find that the hours of strain have resulted in a most pleasurable Holiday Season.

Merry Christmas.

Doug

This month's column consists entirely of an index of hardware suppliers. If there are companies you feel should be included please let me know. Also, I stand corrected on my statement a few months ago that the RCA mini state antenna is no longer available, it is being made by TDP who I have included in the directory. Thanks to Don Fritz for that correction.

***** 1985 HARDWARE DIRECTORY *****

Alpha Wire Corp.
711 Lidgerwood Ave.
Elizabeth, NJ 07207
201-925-8000

manufactures RG59,6,&11

Antennacraft Co.
P.O. Box 1005
Lurlington, IA 52601
319-754-7575

full line manufacturer

American Tower PO Box 29
Shelby OH 44875
419-347-1185

towers and accessories

Alliance Mfg. Co.
Alliance, OH 44001
216-821-5360

rotors

Antenna Specialists
12435 Euclid Ave.
Cleveland, OH 44106
216-791-7878

mobile fm antennas by Avanti
base and mobile scanner antennas

Belden Corp.
P.O. Box 1980
Richmond, IN 47374
317-983-5200

coax,twin-lead,rotor wire

Blonder-Tongue Labs
1 Jake Brown Rd.
Old Bridge, NJ 08857
201-679-4000

full line manufacturer

CADCO
2706 National Circle
Garland, TX 75041
214-271-3651

CATV quality preamps & antennas

Antenna News

Page 2

December 1984

Directory (cont.)

Caig Labs Inc.
PO Box J
Escondido, CA 92025
714-743-7143

Manufactures Cramolin contact cleaner full line manufacturer

Castle Marketing
Box 219 Holland St.
Alexandria Bay, NY 13607
315-482-2589

markets Magnum Power Sleuth in USA

C,E,&D
24 High Range Rd.
Londonderry, NH 03053

Uhf antennas

Channel Master

Smithfield, NC

full line manufacturer

Cushcraft Corp.
PO Box 4680
Manchester, NH 03108
603-627-7877

CATV quality single channel yagis

Dearborn Wire & Cable
9299 Evenhouse Ave.
Rosemont, IL 60018
312-696-1000

coax,twin-lead,rotor wire

Dennesen Electrostatic Inc.
715 Hale St. Box 51
Beverly, Mass. 01915

Polaris indoor FM antenna

DX Tele Labs
3822 N. Paradise Rd.
Flagstaff, AR 86001
602-774-4735

retail mail order TV antennas/amps

Electronic Specialists Inc.
171 S. Main St. Box 389
Natick, Mass 01760
617-655-1532

Vhf & Fm high pass filters

Gemini Industries
215 Entin Road
Clifton, NJ 07014
201-471-9050

General Instrument Corp.
TACO/Jerrold Division
1 Taco St.
Sherburne, NY 13460
607-674-2211

manufactures Jerrold Antennas

Harada Industries
1900 W. Artesia Blvd.
Compton, CA 90220

full line of auto am-fm antennas

Hirschmann
PO Box 416
Clifton, NJ 07011
201-340-3111

full line of auto am-fm antennas

Kay Townes Antenna Co.
PO Box 593
Rome, GA 30161
404-291-9871

full line of antennas

Lance Industries
13001 Bradely Ave
Sylmar CA 91342
213-367-1811

full line antenna manufacturer

MATCO Electronics
PO Box 316
Cadillac, MI 49601

Vhf & Uhf & scanner preamp kits

McGee Radio
1901 McGee St.
Kansas City, Missouri 64108-1891

mail order retailer for Jerrold
products

Pico Products
103 Commerce Blvd.
Liverpool, NY 13088
315-451-7700

notch filters and traps

Directory (cont)

RMS Electronics
50 Antin Place
Bronx, NY 10462
212-892-6700

Telex Communications
9600 Aldrich Ave. So.
Minneapolis, MN 55420
612-884-1371

connectors, adaptors, splitters, baluns manufactures Hy-Gain rotors & towers

Rohn
PO Box 2000
Peoria IL 61656
309-697-4400

Times Fiber Communications Inc.
CATV Division
PO Box 384
Wallingford, CT 06492
203-265-8500

Towers from 10' to 800'

Russell Industries
3000 Lawson Blvd.
Oceanside, NY 11572
516-536-5000

manufactures RG59, 6, & 11; also .412,
.500, .625, .750, .875, and 1.00 cable

replacement whips for portable
radios and auto antennas

Tri-Ex Tower Corp.
PO Box 5009
Visalia, CA 93278
209-625-9400

Sadelco Inc.
75 W. Forest Ave.
Englewood, NJ 07631
201-569-3323

towers-telescoping & self-supporting

field strength meters

Winegard
3000 Kirkwood St.
Burlington, IA 52601
319-753-0121

Scientific Atlanta
1 Technology Parkway
Box 1056000
Atlanta GA 30348
404-441-4000

full line manufacturer
Wintenna Inc.
911 Amity Rd.
Anderson, SC 29621
803-261-3965

CATV quality yagis & amplifiers

mobile fm & tv antennas

Sitco Antennas
PO Box 20456
Portland, OR 97220

CATV quality yagis

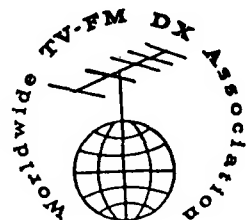
Sonim Corp.
last known phone # 305-885-1507
took over the Finco line of antennas

South River Metal
PO Box 394
Matawan NJ
201-566-7087

Tripods

TDP Electronics
111 BeeTree Rd.
Swannanoa, NC 28776
704-298-6990

mobile TV antennas



FM NEWS

Bruce F. Elving, Ph.D.
FM Adas
Kearney NE 68847-2610

New FM Stations, Translators Granted

AL Florence W280AH 103.9 (WAPI-FM 94.5 Birmingham AL translator)
AZ Claypool (near Globe) 105.5 3000 h.v.; 360'
AZ Flagstaff *91.1 425 h.v.; 2010'; g. AZ MediaNet
AZ Prescott *90.7 425 h.v.; 1465'; g. Ed. Media Fm.
AZ Lake Havasu City K240AZ 95.9 (KJLJ-FM 92.3 Glendale AZ translator)
AZ Yuma *88.9 100 h.v.; 1235'; g. AZ Media Fm.
AR Hope KXAR-FM 101.7 3000 h.v.; 295'
CA Chico *88.1 300 h.v.; 1525'; g. American Media
CA Kernville 102.3 130 h.v.; 1230'
CA Los Osos-Baywood Park 101.3 4800 h.v.; 1510'
CA Newell (34-19-35; 118-24-25, or NE of Newhall CA, where KIQD has an on-channel booster)
K261AB 100.1 (KIQD 100.3 Los Angeles)
CA North Fork Bass Lake K276BW 103.1 (KAAT 107.1 Oakhurst CA)
CA Redding 97.3 28000 h.v.; 3570' (Camarillo)
CA Simi Valley K292CR 106.3 (KZTR 95.9 / CA South Lake Tahoe K212AJ *90.3 g. KEBR 100.5 Sacramento CA translator; put an * in front of KEBR and its other translators (not a translator of KEBR San Francisco CA)
CA Ukiah-Willits K244AH 96.7 (KREO 92.9 Headbush CA)
CO Aspen K237BH 95.3 (KGMJ 101.5 Eagle CO)
CO Meeker K280CS 103.9 (KVVE 92.3 Grand Junction CO) [Durango CO]
CO Pagosa Springs K280BX 103.9 (KIQX 101.3 / CO Walden KSPK 102.3 1900 h.v.; 380'
CO Pueblo *91.9 600 h.v.; 470'; g. Bestg. Found'n.
IL Rockford W292BZ 106.3 (WFRS 92.1 Freeport IA Ottumwa K269CM 101.7 (KKRO 100.7 Ia City LA Baton Rouge W244AI 96.7 (WtMD 107.1 Hammond LA)
LA De Ridder K280X 92.1 3000 h.v.; 300'
LA Jonesville K232BQ 94.3 (KRRV 100.3 Alexandria LA) [Foundation]
KS Weir KJWR *89.9 385 h.v.; 155'; g. Educ. Bestg. MI Pittsford *91.1 100 h.v.; 125'; g. Ed. Found'n.
MO Jefferson City K292AG 106.3—listed as being a translator of KCFQ-FM Tulsa OK, but J&J Broadcasting has been modifying its far-flung translator applications to specify closer-by stations as primaries. I am guessing it will be a translator of KARD 101.7 Columbia MO; Al Germond can correct me if I am wrong.
MO Kimberling City K280CC 103.9 (KORX 93.5 Greenfield MO), 10 watts
MO St. Mary's City *91.7 285 h.v.; 33'; SM College
MN Grand Rapids K252BD *98.3 (KBHW 99.5 International Falls; also KBHW has a translator K237BE on 95.3, but the town location was not heard) [Pequot Lakes MN]
MN New York Mills K257BD *98.3 (KTIG 100.1 / MN Virginia K211BH *90.1 (KAXE 91.7 Grand Rapids MN)
MO Arnold *89.9 150 h.v.; 105'; g. directional ant.
MO Camden *90.7 3000 h.v.; 300'; g. Found'n.
MO Poplar Bluff 96.7 3000 h.v.; 300' (Angwin CA)
NV Reno-Carson City K214AN *90.7 (KDCS 89.9 / NV Washoe City (39-18-51; 119-53-07) K257CC 99.3 (KLKT 100.1 Incline Village NV)
NJ Pomona (near Atlantic City) WLFH *91.7 1300 h.v.; 175'; Stockton State College [Ionia, NY Buffalo *88.5 8000 h.v.; 450'; g. Family Star /

TN Covington W232AC (WZEZ 92.9 Nashville)
TN Kodak W292CA 106.3 (WEKZ 97.5 Knoxville)
TX Abilene *91.3 300 h.v.; 580'; g. Ed. Found'n.
TX Borger *91.9 550 h.v.; 480'; g. Caprock Fou.
TX Harker Heights (SSE Killeen) 105.5 3000 h.v.; 300'
TX Victoria *88.5 3000 h.v.; 350' Public Bcstg.
VA Fredericksburg *88.7 600 h.v.; 210'; g. Alpha
WA Kennewick KTCV *88.1 320 h.v.; 90' school
WV Charleston *88.5 200 h.v.; 175 vertical; 400'; Bible Center Broadcasting, local
WI Milwaukee (near Stevens Point) *88.5 10000 h.v.; 500'; Cornerstone Community Radio
WY Casper *91.1 365 h.v.; 360'; g. Ed. Found'n.
WY Rock Springs *91.9 100 h.v.; 1080'; g.
WY Sheridan K285CE 104.9 (KLGM 92.7 Buffalo WY)
AT Calgary 90.9 1900; U. of Calgary students, rp, replaces carrier current station CJSW
AT Hinton 88.1 890; CBC, CBX AM relay
BC Gibsons-Sechelt (55 km WSW Squamish) 107.1 32 w. CISQ relay, rm
BC Pender Harbour 104.3 3w. CISQ relay, rm
NS Halifax 105.9 10w, on only Sept. 13-14, '84 for Pope's visit; now all gone and not DXed!
ON Elk Lake (140 km NNE Sudbury) 88.7 8w, CBCS 99.9 Sudbury relay
ON Kirkland Lake 90.3 2650; CBCS relay
ON Peterborough 96.3 30w, rj, Trent U. radio
NW Arctic Red River (location unknown) 100.9 20 watts, CBC Northern service

LICENSE RENEWAL RESCINDED

WA Seattle KNHC *88.5 (probably still on, but only on a day-to-day basis, since the former owners of KRAB *107.7 have applied for 89.5 in Seattle with high power) [Deletion]

Off the Air

AL Ashland WASZ 95.3 (for failure to build station)
CO Leadville KRHH-FM 93.5 listed as a construction permit; telephone co. says number is "temporarily disconnected." A KVOD translator is on there on 93.5, but I will leave the translator on 94.3, where I have it listed until it is finally disposed of.
NE Grand Island KROA *95.7—no announcement locally, but I suspect tower or antenna damage from a recent storm.
WI Washburn WHIJ *90.5—fired up the transmitter and there were so many complaints of interference to TV channel 6 that the School Board has not dared to go back on the air with the station; they are unwilling to go around and install filters on people's TV sets; station may delete.

On Air with Higher Power

NE Kearney KSCV *91.3 1000 h.v.; 120'; s. off frequency at about 91.2 for several days, but they appear normal now. Equipment for their power increase donated by anti-public radio [state-supported] commercial station KGFV-KQKY(FM) Kearney, which is also helping KSCV apply for commercial station channel 102.3, in competition with several other applicants.

Formats/Networks

AZ Sedona KOST 100.1 [rock]
AZ Sun City KMZK 106.3 r (oldies)
CA Redondo Beach (and San Pedro booster) KFOX 93.5 kL ("progressive country days," whatever that means, Nick Lombardi, and "Spanish nites.")
CA Visalia KSEQ 97.1 r, automated, to be on by now—Stereo?
GA Dublin: WQZY 95.9 Y network (from A)
ID Boise KBGI-FM 97.9 b; DX'er Bill Frahm works there

IN Decatur WQTZ 92.7 [rock]
IN Kandahville W8TU 93.3 [country]
IN Princeton WRAY-FM 98.1 r
IN Salem WSLM-FM 98.9 k
IA Sheldon KIWA-FM 105.5 k, S network, "Kio-ua Corral"
KY Madisonville WKTG 93.9 r, UPI network
KY Tompkinsville WTKY-FM 92.1 [beautiful]
MI Bad Axe WLEW-FM 92.1 m
MI Flint WCRZ 107.9 m, "Cars 108"
MN Bemidji KBSB *89.7 r, KBHP 101.1 m [r-r]
MN Thief River Falls KSNR 99.3 m, O (CBS RadioRadio)
MN Wadena KKWS 105.1 k
NC Burgaw WVBS-FM 99.9 r (lites), not g
OK Poteau KZZE 97.9 r, Z-98
TX Midland K232BG 94.3 s, m (KERV-FM 94.3 Kerrville translator)
TX Odessa (not North Odessa) K240AY 95.9 r also a KERV-FM translator—how those two stations will be able to pick up the KERV-FM signal without satellite or microwave use is a mystery.
TX San Antonio KSTX *89.1 Spanish/English; hopes to be on early in 1985, Stereo
NS Liverpool CKBW-1 94.5 r
NS Shelburne CKBW-2 93.1 r
ON Oshawa CKOT 94.9 b
ON Wingham CKNX-FM 101.7 m, no Dolby

Facilities' Changes Granted

AZ Apache Junction KSTN 107.1 1950 h.v.; 405'
AZ Tucson K20AF *88.7 (from K276AL 103.1)
AZ Yuma KTTI 95.1 30' (25000 h.v.)
AR Hot Springs KWBO 97.5 10000 h.v.; 870'
AR Jacksonvile KEZQ 100.3 44000 h.v.; 1370'
AR Waldron K280CA 103.9 (from K232AD 94.3, assumed to now be carrying KLPQ 94.1 Little Rock and not KAJJ 106.3 Greenwood AR)
CA Marina KBQJ 92.7 1025 h.v. (570')
CA San Diego KPBS *89.5 1900' (2000 h.v.)
CA South Lake Tahoe K212AJ *90.3 (from K257AQ 98.3—see first column note)
CA Ventura KBBY 95.1 9500 h.v.; 965'
CO Denver KVOD 95.5 1310' (100000 h.v.)
KMJ 100.3 1300' (" ") [98.3]
CO Hotchkiss K282AA *104.3 (from K252AM / CO Lake City K265BS 100.9 (from K292AK 106.3)
FL Miami WTMJ 93.1 1025' (100000 h.v., non-directional antenna use now assumed) (h.v.)
FL Miami Beach WINZ-FM 94.9 1025' (100000 / GA Bainbridge WJAD 97.3 1010' (100000 h.v.)
ID Sandpoint KPND 95.3 -385' (3000 h.v.)
IL Chicago WMET 95.5 4100 h.v.; 1570'
IA Iowa City KRNA 93.9 1900' (100000 h.v.—transmitter Wilmamont, north of Kalona IA)
IA Waterloo KCNB 105.7 100000 h.v.; 1320'
KS Beloit KVSF-FM 105.5 2800 h.v.; 320' still with true b format, rare for a small town; on air with new height, misidentifies as "KVSF."
KS Topeka KMAJ 107.7 1215' (100000 h.v.)
LA New Roads KDEA 98.1 100000 h.v.; 985'
LA New Orleans WNOE-FM 101.1 1005' (100000)
ME Farmington WUMF *100.5 (from 92.3)
ME Lewiston WAYU 93.9 27500 h.v.; 635'
MD Baltimore WMAF-FM 106.5 24000 h.v., 22000 v (620'); reduces coverage [coverage]
MA Boston WBUR *90.9 9100 h.v. (250'), reduces / MI Kalkaska WKLT-FM 97.7 900 h.v.; 560'
MN Hibbing-Chisholm (not Chisholm as primary city) K205AX *88.9 (correct calls) [+16'
MN Northfield KRLX *88.1 (from 90.3) 100 h.v.;
MS Collins WKNZ 101.7 2200 h.v.; 350'
MS Greenville WDMs 100.7 100000 (h); 450'
MO Dexter KDEE-FM 102.3 3000 h.v. (51')
MO Florissant KCFM 97.1 100000 h.v.; 560' Class C
MO Kirksville KTUF 93.5 1550 h.v. (455')

MO Mexico KWWR 95.7 995 (100000 h.v.)
 MT Baker KFLN-FM 100.5 (from 100.9) 100000
 h.v.; 420
 NM Albuquerque K288CX, with KRSN-FM 98.5
 Los Alamos; presumed to displace former
 K288CA 105.5 with KISZ 97.9 Cortez CO.
 NM Santa Fe KAFE-FM 97.3 1875 (100000 h.v.)
 (from 97.3 1875) (100000 h.v.)

NY New York WYNY 97.1 6800 h.v.; 1340
 NY Patterson WRVH 105.5 1500 h.v. (4807) 1010
 NC Asheville WRIT 92.3 100000 h.v.; 92000 v.;
 NC Charlotte WBCY 107.9 1700 (97000 h.v.)
 NC Eden WSRQ 94.5 100000 h.v., DA, 1530
 NC Sanford WFLA 105.5 2250 h.v. (380)
 NC Wilmington WGNL 102.7 1085 (100000 h.v.)
 ND Fargo KFNW-FM "97.9 990" (100000 h.v.)
 OH Eaton WGTZ 92.9 32000 h.v.; 600
 OH Hiquia WPTM-FM 95.7 475 (50000 h.v.)
 OK Claremore KNGX "91.3 2200 h.v.; 365"
 OK Poteau KINB 107.3 100000 h.v. (1810)
 OK Shawnee K272BX 102.3 (from K249BQ 97.7)
 OK Stillwater K272BP 102.3 (from K276BP
 103.1, but replays for 103.1)
 OR Bend KHLR 97.5 97000 h.v., 4200 v.; 535
 OR Grants Pass KFWJ 96.9 2180 (25000 h.v.)
 PA Du Bois WDBA 107.3 22500 h.v.; 695
 PA Glen Hills WZZE "97.7 17 (horizontal); 190"
 (from WZZE "88.7 Hockessin DE); a migra-
 tory station moving to just west of Meade PA.
 PA Harrisburg WSMF 93.3 1200 h.v.; 530
 SC Columbia WCOG-FM 97.9 100000 h.v. 88000v;
 995, directional (DA).
 SC Seneca WBFM 98.1 50000 h.v.; 500, DA.
 TN Greeneville W276AL "103.1 (from W285AE
 104.9)

TN Santa W219AD "91.7 (from W237AJ 95.3)
 TX Hamlin KRIS 103.7 98000 h.v. (920), for
 full class C status
 TX Houston KHCB 105.7 100 (100000 h.v.), for
 some reason drastically reducing its coverage
 UT Park City KPCW "91.9 plus 57 (105 h.v.)
 K265BX 100.9 (from K237AL 95.3)
 VA Hampton WWDE 101.3 500 (50000 h.v.)
 WA Bremerton KHIT 106.9 100000 h.v.; 1490
 WA Seattle KMP5-FM 94.1 1190 (98000 h.v.)
 KXII-FM 95.7 1220 (100000 h.v.)
 WV Buckhannon WBTO 93.5 no directional ant.
 WI De Pere WJLV 95.9 330 (3000 h.v.)
 WI Eagle River W266AD 107.1 (from Three Lakes
 WI)

WI Sauk City WSEY 96.7 475 h.v. 800 (ht. guessed
 at, as FCC announced 1655, which is too high,
 giving far more coverage for a Class A than is
 allowed under FCC rules)

PR Caguas WVJF-FM 103.3 38000 h.v.; 1740
 PR Hormigueros WGIT 92.1 3000 h.v.; 580
 VI Christiansted WVVH 99.5 25000 h.v.; 1510
 BC Crawford Bay CBTE 98.3 (from 88.3)
 NF St. John's CHOZ 94.7 (from 93.9 - to resolve
 interference problems with CJON-TV, ch. 6)
 SA Regina CBKF-FM 96.9 new, unannounced ant.
 height (100000); CBKF 97.7 100000, new,
 unannounced height

Slogans/NonIDs in Use or Discontinued

GA Macon WYAS 93.1 99-ways ("sounds utterly
 stupid"); still, R, O network, 1 music
 IL Winnebago WYFE 95.3 no longer uses Y-95;
 not a nonIDer
 LA Hammond WKJN 103.3 Cajon-103
 MA Boston WZOU 94.5 The Zoo
 MA Nantucket WXJY 96.3 Joy-96
 Alexandria KXRA-FM 92.7 KX-92

OH Wooster WQKT 104.5 Q Country
 PA Chambersburg WIKZ 95.1 Z-95 (not Wixy)
 SD Volga KXVL 102.3 XL-102, ID with Brookings
 TX Denton KTKS 106.1 Kiss-106
 MB Winnipeg CHMM 97.5 Kiss 97-FM (very strict;
 never heard calls, even on the hour; calls
 changed?) still rm

SCA (†67 kHz; 92 kHz as indicated)

GA Buford WGOO 102.3 1 music (now only the
 second music SCA in northern GA; "A welcome
 alternative to the Muzak on WKHX 101.5")
 KS Dodge City KDCK 95.5 1X
 NC Raleigh WRAL 101.5 FM 92 kHz (rock by
 Seaburg; 67 kHz has Seaburg any listening)
 MB Winnipeg CITI 92.1 1S (for CKY Winnipeg
 and voice cues from the CKY control room
 to remote origination sites)
 PQ Quebec CJMF 93.3 1X

Dual- or Multi-City Identifications

KS Ottawa KKKX 95.7 adds Lawrence (mouth
 to A Orleans WKPE 104.7 adds Hyannis-Fat-
 to N Moorhead KCCN "91.1 with Fargo ND; but
 is checking legality of giving IDs as they do
 now, "Fargo-Moorhead," since I called their
 attention to this practice
 MN Minneapolis WLOL 98.5 with St. Paul MN
 MN St. Paul KSJN-FM "91.1 with Minneapolis,
 but says "Minneapolis-St. Paul," not "St.
 Paul-Minneapolis," as I have told them they
 should do
 NJ Trenton WPST 97.5 adds Philadelphia PA
 NY Briarcliff Manor WZFm 107.1 adds White
 Plains
 NY Norwich WKXZ 93.9 adds Oneonta
 NY Utica WOUR 96.9 adds Rome
 NC Wilson WRDU 106.1 adds Raleigh - Durham,
 but does not say the cities in the correct
 order, leading off with "Raleigh"
 WI Waupun WGGQ 98.3 adds Fond du Lac-
 Beaver Dam, r, 99-Q

Call Letters Assigned or Changed

AK Juneau K63 KSUP (KYSY)
 AK Kenai "97.7 K249BY (not K249BP)
 AK Kodiak 101.1 KQTA
 AR Russellville 100.9 KAIO-FM
 CA Los Altos 97.7 KLZE (KPEN)
 CA Palm Springs 104.7 KDES (KDES-FM)
 CA Ventura 101.1 KAGR
 CA Yucca Valley 106.9 KSSS
 CO Avon 103.1 KZYR, -780 (3000 h.v.)
 CO Sterling 105.5 KMXX (KVR5)
 FL Gwilda 98.3 WTHM (WGLY)
 GA Washington 100.1 WLOV-FM (WLOVFM)
 ID Burley 99.9 KZDX (K5VC)
 ID Chubbuck 98.3 KOSX
 ID Emmett 101.7 KXUU (KMFE)
 ID Lewiston 101.5 KATW
 IL Peru 100.9 WLRZ (WIVQ)
 IA Fort Dodge 92.1 KFTX-FM (KSMX)
 KS Dodge City 93.9 KMCS (KTTL), r, "Max-
 FM" (not strict)
 KS Pittsburg 96.9 KD KQWK (KDBQ)
 KS Wichita 97.9 KLZS (KBRA), m, no nonID,
 no Mutual (only actualities in newcasts)
 LA Shreveport 94.5 KWKK-FM (KROK), 1000
 (100000 h.v.)
 MA Fitchburg "91.3 WXPFL
 MN Anoka 107.9 KMGW (KGBB), "Magic-108"
 (very strict), m, no U, adds Minneapolis-St.
 Paul to official hourly identification
 MN Breckenridge 105.1 KCLA (KJIB), lighter
 r; no nonID. Separate-no network now
 with KKWS 105.9 Wadena MN and KKVC
 100.9 Valley City ND, although KKVC has
 the original KJIB format, via satellite
 MN Wadena "98.3 K252BK (not K252AJ)
 MS Kosciusko 105.1 WBKJ (WKOZ-FM)
 MS Woodville

95.9 WVLA

MO California 94.3 KZMO-FM (not KZMO;
 there is an A affiliate with like call letters
 on 1420) 106.3 in Boulder City MT
 MT Helena 101.1 KZMT (KCAP-FM; affects /
 MT Missoula 102.5 KUEZ
 MT Whitefish 106.3 "K292CD (not K292CC)

NE Fairbury 99.3 KUTT (KQIE)
 NC Asheville 98.9 WKFS (WRLX), r, "Kiss-FM"
 ND Bismarck 96.5 KYSX (Wnot 103.1 xtr.
 ND Minot 97.1 KHHT (KYND); also affects /
 OH London 106.3 WKCX (not WWSX) (Fm)
 OK Oklahoma City 96.1 KXXX-FM (KXXX)
 OK Tulsa 98.5 KCFD-FM (KCFD); affects many
 translators
 OR Springfield "88.9 KQFE
 PA Bloomsburg "91.1 W8UQ
 PA Clarion 92.7 WCCR (WmQP)
 PA Williamsport 101.7 "W269AJ (not W269AI)
 SC Charleston "88.5 WFCF (not KCPC)
 SC Conway 104.1 WYAV (WLAT-FM)
 SC Johnston 92.7 WKSV (WTQY)
 SC St. Andrews 102.3 WWGO (WTOX)
 TN Knoxville 107.7 WIVK-FM (WIVK-FM)
 TX San Saba 96.7 KBAL-FM
 UT Brigham City 107.1 KFKZ-FM (KFKZ; to
 go to 106.9)
 UT Salt Lake City 93.3 KLTQ-FM (KwHO-FM)
 UT Oakshoe 103.9 WWSV (WWSH)
 WI Beloit "90.3 WBCR (WBCR-FM)
 WY Riverton 93.1 KTRZ
 BC Terrace 103.1 CFWF-FM
 PQ Cabano 102.7 CFVD-FM
 PQ Pohenagmook 104.9 CFVD-FM2
 PQ St. Gabriel-de-Brandon 98.1 CFNJ-FM

Stereo Stations

AL Montgomery WVAS "90.7

OK Langston KALU "90.7

OK Ponca City KIKR 100.1

F Mistakes—9th ed. "Fm Atlas" errors

CA Santa Rosa, p. 70, 100.1 KZST (not 100.7)
 MI Waterford, p. 41, "88.1 WTSB delete from
 the map
 MN Brainerd, p. 48 106.7 WJJY (not WJLY)
 MT Bozeman, p. 74, "91.9 KGLT (not 90.9)
 NY Albany, p. 133, WQWV (not WQWV)
 NY Monticello, p. 97, 98.3 W6UL N network
 missing
 OK Henryetta, p. 59, town misspelled (KwGK)
 OR Lake Oswego, p. 73, 106.7 KMJL (not /
 OR Portland, p. 100 "107.5 KRRC S symbol
 missing
 WV Elkins, p. 130, WONE-FM 98.3 antenna
 height missing (200')
 ON Kingston, p. 18 "91.9 CFRG, extra space
 between decimal point and nine (look
 closely to see this one)
 ON London CBBK, p. 8, listed as being carried
 on Anik-1 satellite. CBBK is in Kingston ON.
 The London station on the satellite is CBBL

Contributors last month—continuing the list

... John Ebeling, Bloomington MN; Eric Fader,
 Bayshore NY; Ted Fleischaker, Louisville KY;
 Robert Ganchak, Cortron PA; Van Robert Heath,
 Williamson NC; Edward H. Isotalo, Appleton WI;
 Jeff Kadet, Macomb IL; Mike Kuhl, Kodiak
 AK; Nick Lombardi, Atlanta GA; Fred McCormack,
 Fargo ND; Dennis L. Miller, WCLV Cleve-
 land OH; Jack Minkow, Chicago IL; David J.
 Nieman, Akron NY; Craig R. Pettito, Portland
 OR; Richard H. Purin, Yvills MC (who is thank-
 ful for a car cassette player, because on a trip to
 Norfolk, there are not classical music FM sta-
 tions all the way). Also Jim Pizzi, Livingston
 IL; Richard Rouse, Jersey Shore PA; Randy
 Stanley, Milwaukee IL; David Veller, New York
 NY; Roger Vinsor, Champaign IL; Richard E.
 Wood, Ph.D., Hilo HI, and a contributor in the
 club who wished to remain anonymous for now.

NO RIM-SHOTS HERE—

Nine Houston FM stations share an unique,
 2000-foot tower—at 1920' above average terrain
 each. They are: KKBQ-FM 92.9 Pasadena-Hous-
 ton; KLEF 94.5, KIKK-FM 95.7, KSRN 96.5,
 KFMK 97.9, KODA 99.1, KKAS-FM 100.3,
 KL02 102.1, KRB-FM 104.1. A lesser tower,
 at 1700', seems to be shared by Houston's
 KUHF "88.7, KLTR 93.7 and KMJQ 102.9.

READERS' REPORTS AND FM NEWS

A \$100,000 fund drive is being conducted to launch San
 Antonio public FM station KSTX "89.1. KSTX stands for
 "K-San Antonio, Texas." This stereo station will be the 10th
 public radio affiliate in Texas, the sixth bilingual public radio
 station in the nation, and will serve the fourth largest Spanish-
 language radio market in the country.

Pat Dyer reports that the 95.3 translator of KLLS-FM
 100.3 San Antonio is located downtown on the Alamo National
 Bank Building. It is nondirectional, 17 watts ERP. "The
 rationale for its use is that their main transmitter on 100.3
 is located near I-10 and Loop 1604 (about 14 miles NW of
 downtown) and with multipath and intermodulation problems
 they just can't compete with other locals who have their
 antennas on the Hemisfair Tower of the Americas downtown.
 However, they seem to be keeping it a big secret as I've noted
 no media ads for it—and only once after finding out these
 details did I hear an on-the-air reference to it with "... and
 95.3 downtown..."

Off the air, or never came on the air? Check on these as
 you DX, drive through their areas, or if you are in a "phone-
 calling mood: KWLQ 91.5 Plainview TX; KOHH 88.1 Lub-
 bock TX; KWTS — "91.1 Canyon TX.

Jim Pizzi hasn't heard them all the time he's been in the
 area, "and I should have. I don't think they're on!" Jim had
 a pleasant surprise in getting E skip 10-16 for over two hours
 into several western states—"quite a nice surprise after a dead
 summer!" And he talked to a couple of men working on
 KMTH "98.7 Malajar NM. "They said it should be on in
 Jan. '85—on a 600' tower." From his 10-16 listening Wella
 Wella 97.1 still KHIT, not [yet] KA-FR-FM. And he lists the
 following slogans/nonIDs: KZEL 96.1 Eugene OR "K-Zel";
 K8ND 83.1 Springfield OR "K-Sound."

Another reporter, John Manuel, said a person at KMDL
 97.7 Kaplan LA claims it is directional—toward Lafayette.
 This could be directional change by the tower and for now I
 am not listing this station as having a DA. KSMB 94.5
 Lafayette LA is using the channel 15 tower near Church
 Point LA, 100000 h.v.; 1080.

Danny Buntin: "I am toying with the idea of getting a
 new Carver tuner, but its steep price of \$549 keeps me putting
 it off. I know Carver has another model out now at about
 half the price and I'm looking for more information on it.
 With FM congestion mounting around here I'm sure a Carver
 could help me out. I believe Stillwater has got to be the
 worst site in Oklahoma to DX from outside of Tulsa and OKC."
 And Danny's glad that Bill Thompson is doing something to
 tighten reporting standards in the VUD.

"Your new catalog is very interesting, and I'm strongly
 tempted to try out the Magnum Power Sleuth model 105,
 in spite of the rather lukewarm review in the September
 1984 Stereo Review," writes Nick Lombardi.

Larry Fuss says the new channel petitioned for Duluth
 MN, 101.7A, has a site restriction 3.5 miles NW of town. He
 is working with a broker friend to try to sell an FM-AM com-
 bination and an FM translator in Nebraska. He's found out
 what causes the FCC to assign some Class A stations already
 on Class C channels (Tawas City MI). "The FCC is doing that
 in an attempt to clear out a lot of pending petitions for
 rule making that were filed before 80-90 was adopted..."

Existing A's that are changing to C channels are only doing
 so because the FCC told them to (in order to accommodate
 other changes in the table of assignments), not because they
 applied for it. No applications are being accepted for any of
 the new 80-90 assignments until the rule making is finalized.
 He sent along a list of vacant FM broadcast assignments, like
 that which he mails to his clients. In Nebraska, for example,
 it shows Bridgeport 101.3 and Chadron 94.7.

The new owners of KMGW 107.9 Anoka MN being sued
 by the former owners of KTVN (old call letters) who claim
 payments for the station have not been coming in (\$25,000/
 month). It is interesting, in the midst of this, the call letters
 have been changed—from KGBB to KMGW—with ratings
 falling to a measly .8 percent. Another strange station with
 a recent call letters' change is KTLT 93.9 Dodge City KS,
 which seems to have dropped its vitriolic programming and
 mellowed with rock and new calls—KMCS. The station still

faces
 revocation of its license—if and when the FCC has the courage
 to take up the KMCS matter at a meeting. Chairman Mark
 Fowler recently removed the KMCS license renewal from the
 agenda of an upcoming FCC meeting. Commercially air now
 heard on KMCS—something that was lacking on the KTLT
 format; perhaps a new group is running the station in the
 interim on behalf of the beleaguered ownership.

Now, word is that the station is being
 sold. Dave Nieman heard a new FM station with
 a tone-test on 89.1. "Antenna was pointed to the NW. Mike
 Reid told me that the CBC is checking out the Paris ON area
 for a stereo net repeater. It may not be [exactly] on 89.1."

WJKR 103.9 Muncy PA, in promoting its new Loyalsock
 PA translator on 92.7 IDs as "the Double Shot," and the
 translator as "the new baby." WISA-FM 93.5 Jersey Shore
 PA testing; watch for news on its music and stereo status.

Eric Norberg at KWIP Dallas OR, an AM station, reacts
 to his being called a "yo-yo" in this column a few months
 back: My feelings are not hurt by being called a yo-yo—at least
 it is persistent too, and just when you think you've got it on the run, it
 comes back and gets ya! Nor was I aware I had been called one. Seems
 to me I was looked at strangely when I decided to start my radio career
 in FM, in 1961, but I was inspired by Jim Gabelert's KPEN Alhambra/
 San Francisco, saved up and bought myself a Realistic T-4 tuner from a
 mail order house in Boston called Radio Shack, to which I successfully
 hooked a Lafayette stereo adaptor which I built from a kit (Radio
 Shack said I couldn't get stereo off the T-4 and should consider buying
 a Sherwood, which they did not sell). Perhaps I am attracted to the
 underdog. Perhaps I am attracted by the more kinetic form of radio
 adults expect of AM. But I am a sound bug, and stereo sounds better.
 So why not AM stereo? After all, the high sound more transparent
 and undistorted on AM, since there is no pre-emphasis curve which has
 to be compensated for by baseband and other forms of clipping, selective
 compression, or rolloff. FM has better S/N capability, but AM sounds
 darn good with Synchronous Detection (which only the Harris system
 can take full advantage of), is not susceptible to multipath, and has
 advantages in not having a preemphasis transmission curve. Pluses and
 minuses, so why NOT AM stereo?

Since two locals have gone to 1,000 feet all hope of DXing
 has vanished—overload up and down the band, even under the local
 local NPR, says Mike Dorner. [Would a better receiver help
 solve your problems, Mike?] Still not on the air: KVFQ "91.3
 Thibodaux LA (better check to see if this ancient CP is still
 valid), KHAH 106.7 Port Sulphur LA; WBOX-FM 92.7 Var-
 nado (Bogalusa) LA. "My two cents' worth: all the talk about
 revising your format categories for rock—who cares? It's all
 garbage, but then my father said the same thing about the rock
 I listened to in the fifties. It's a new generation's pseudo-music
 —let them quarrel over [that stuff]."

Mike sent an article on how "K-Tahoe," KTHO (AK) is packaged
 to appeal to the rich. Similar AK-FM packaged deals include Lake
 Placid NY, Aspen, Vail CO and others, but sales to the stations of
 "The Elegant Sound" are not doing well, with station people not sure
 rich folk want cocktail jazz served up in "musical suits," rather than
 more ordinary music announced as "more hot hits," or "three in a
 row." Not serving the affluent is high school station WNAS "88.1
 New Albany IN. Rarely on at night, you can tune in various Friday
 and Saturday nights to hear games broadcast until 10 p.m. local
 time or later. "Format during their regular schedule is new wave rock;
 they were also on for a game during the week, on a Tuesday."

"The FM Atlas lists CKO-FM 111 as being on the air in St. John's
 NF. Although the station has been authorized for several years, they
 have never made it on the air. So far as I know, they do not even have
 a tower site," writes Philip Hiseock.

CONTRIBUTORS, this issue: Frank Aden, Jr., Boise ID; Danny Buntin,
 Stillwater OK; Wm. O. Dickerman, Williamsport PA; Mike Dorner,
 Metairie LA; Pat Dyer, San Antonio TX; John Ebeling, Bloomington
 MN; Eric Fader, Bayshore NY; Ted Fleischaker, Louisville KY; Larry
 Fuss, Jackson GA; Van Robert Heath, Williamson NC; Phillip Hiseock,
 St. John's NF; E. H. Isotalo, Appleton WI; Nick Lombardi, Atlanta GA;
 John B. Manuel, Lafayette LA; David J. Nieman, Akron NY; Eric G.
 Norberg, general manager KWIP Dallas OR; Walter Patton, Willowsdale
 ON, who kindly came through as usual with Canadian station news;
 Jim Pizzi, Livingston IL; Lee Price, Wilmington NC; Richard Rouse,
 Jersey Shore PA; John Robertson, Cromwell MI. The NJ network will be using UHF-SCA for a radio reading service to
 the blind, with WJLT (TV) Trenton to be the first station using the
 service; it was to have begun Nov. 1. Studios to be in the State Library
 for the Blind in Trenton, and it will be on 35 hours a week, from 4 pm
 to 11 pm. Later this year "Audiovision" expects to be on its second
 UHF station—WJBT(TV) New Brunswick.

SOUTHERN FM DX

December 1984

For FM DX reporters from: AL, AR, AZ, CA, CO, DC, DE, FL, GA, KS, KY, LA, MD, NC, NM, NV, OK, SC, TN, TX, UT, VA & WV. Happy Dxing!

Bob Timmerman, 2409 Woodway Dr., Orlando, FL 32821 EST

9/26 Es	10/20 Es
1207 WMGX 93.1 ME Portland	1337 WKIQ 94.5 MI Holland
10/16 Es	1341 WNNW 98.5 MI Coldwater
2020 KGRC 92.9 MO Hannibal	1344 WCUZ 101.3 MI Grand Rapids
2030 KCFM 97.1 MO Florissant	1346 WQWQ 104.5 MI Muskegon
10/20 Es	1349 WOOD 105.7 MI Grand Rapids
1320 WADM 92.7 IN Decatur	1358 WJML 98.9 MI Petoskey
1325 WCTZ 92.9 OH Eaton	1409 WLHT 95.7 MI Grand Rapids
1333 WLAV 97.1 MI Grand Rapids	1431 WGLQ 97.1 MI Escanaba
1334 WBTU 93.3 IN Kendalville	1434 WIMK 93.1 MI Iron Mountain

I finally got an Ohio station. My goal is to receive a station from all of the eastern states, but the Middle Atlantic states have been avoiding me. I'm hoping some tropo ducting will solve the problem. Last year at this time I had a few good openings to Virginia, but I never bothered to check the FM band because I was concentrating on TV. I would like to see how other Florida DXers are doing, so send in your reports.

Jim Pizzi, P. O. Box 1778, Lovington, NM 88260 (505)396-3251

Highlite of this report is 10-16 Es which was quite intense, probably the best since May. KLAZ was logged (via ms) on my car FM set-up about a mile from my QTH. System is a Penny's 0248 digital w/cassette, power antenna and antennacraft FM preamp. Works quite well, lots of ms all the time. 10-28 Es was in and out and brief. Tropo seem to be picking up a little.

9/6 tr	10/16 Es
1039 KINT 93.5 NM Ruidoso, r	1943 KOMA 105.3 WA Kennewick
9/9 Es	1943 KEZE 105.7 WA Spokane, tent., r
1436 unIDs 89.7, 88.1, east n. e.	1944 KWHT 103.5 OR Pendleton, k, ID# 1950
9/10 tr	1946 KXDD 104.1 WA Yakima, wx, "Double D Country"
1013 KINB 107.3 OK Poteau, ads	1952 KLCI 103.1 ID Caldwell, ads, calls, "Classy FM"
1024 KZEW 97.9 TX Dallas, ID# 1027	2000 KRCK 101.1 OR Portland, ID
1032 KETR 88.9 TX Commerce, ID	2001 KKRZ 100.3 OR Portland, r, ID, Z-100
1042 KYXS 95.9 TX Mineral Wells, KY-95	2003 KGON 92.3 OR Portland, r
9/20 tr	2015 KICE 100.7 OR Bend, promo, calls
1030 KCEE 99.9 TX Monahans, k\$, FM-100, calls	2018 KMJK 106.7 OR Lake Oswego, r, Magic
9/23 tr	2019 KHFE 107.9 OR Albany, ads
2230 KLZK 98.3 TX Farwell, r, \$	2020 KFAT 106.1 OR Corvallis, k, K-fat
10/2 ms	2020 KMCQ 104.5 OR The Dalles, tent., r
1020 WMBW 88.9 TN Chattanooga, tent, g	2023 KKCW 103.3 OR Beaverton, tent., r
2319 KINB 107.3 OK Poteau	2023 KPRB 102.9 OR Redmond, k
10/16 Es	2026 KRWQ 100.3 OR Gold Hill, ads
1441 KUNR 88.7 NV Reno, tent., c, \$	2026 KKRZ 100.3 OR Portland, Z-100
1453 KPDJ 92.3 CA Eureka, .ad	2028 KIQY 103.7 OR Lebanon, tent., r
1858 KLZY 92.5 WY Powell, r, ID	tr
1902 KBOZ 93.7 MT Bozeman, ID	2032 KBAT 93.5 TX Midland, off freq. of 93.3
KMPR 88.9 ND Minot, tent., j	Es
1907 KZIN 96.3 MT Shelby, ads, calls	2033 KZEL 96.1 OR Eugene, r, "K-zell"
CKUA 99.3 AT Lethbridge, talk, ment.	2039 KUGN 97.9 OR Eugene, k
Calgary	2041 KZAM 95.3 OR Creswell, tent., r
1915 KHIT 97.1 WA Walla Walla, "all new K-hit 97" (No call change-KAFR?), r	2043 KSND 93.1 OR Springfield, r, "K-sound"
1929 KCND 90.5 ND Bismarck, wx, big band	2046 KJSN 92.5 OR Klamath Falls, promo, "FM-92", calls
1929 KMPR 88.9 ND Minot, simulcast KCND1035	2103 KAGO 99.5 OR Klamath Falls, tent., r
1935 KOZE 96.5 ID Lewiston, tent., b	10/19 ms
1936 unID 95.9 n.west "Golden Age of Radio"	0956 KLAZ 98.5 AR Little Rock, "...KLAZ..."
1939 KHKK 106.5 WA Richland, ads, wx,	1330 unID 98.9 MX?, SS (both on car FM)
"the hawk"	10/28 Es
1940 KHIQ 100.3 WA Moses Lake, tent, k	1725 WCIE 91.1 FL Lakeland, g, "FM-91"
KPQ 102.1 WA Wanatchee, tent. EL	1730 WUSF 89.7 FL Tampa, ID
1941 KZZK 102.7 WA Richland, r	1758 WPCV 97.5 FL Winter Haven, ID
KMKO 106.9 ID Lewiston, r	1803 WMNF 88.5 FL Tampa, ID, cont...
KFFM 107.3 WA Yakima, r	
1942 KUMA 107.7 OR Pendleton, ID	
KMBI 107.9 WA Spokane, g	

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

Deadline: 10th

SOUTHERN FM DX

Pizzi, cont.

DECEMBER 1984

10/29 tr	11/1 tr
2049 KWKQ 107.1 TX Graham, ad, FM-107, 279	0127 KKRZ 107.3 KS Wichita, ID 461
s/off 2102	0129 KEYN 103.7 KS Wichita
2325 KLTE 101.9 OK Oklahoma City, r, 380	0130 KFDI 101.3 KS Wichita
plus all other OKC stations	
10/20 tr	11/3 tr
0903 KHCB 105.7 TX Houston, g, ID 515	0013 KKKX 106.5 TX Galveston, SS, L 555
0918 KUHF 88.7 TX Houston	0014 KJOJ 106.9 TX Conroe, g 490
1651 KPLE 104.9 TX Temple, ad 368	0033 KUHF 88.7 TX Houston 515
1653 KRGE 104.1 TX Houston, nx 515	0035 KHCB 105.7 TX Houston, SS, g
2346 KYKX 105.7 TX Longview, calls 502	(That was sure good going on your car FM meteor scatter, Jim. DB)
2356 KDNT 94.5 TX Gainesville, k 360	

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075

9/17 tr	11/10 Es
1000 KBCV 98.3 AR Bentonville, ID	1854 WKZ 95.1 PA Chambersburg, ad
9/18 tr	1900 WJWJ 89.9 SC Beaufort
1036 KSCB 107.5 KS Liberal, calls, r	1900 WRJA 88.1 SC Sumter 970

Present total stands at 1574. Dx here continues in low gear apparently, but then I have not been paying as much attention to conditions as I should, so may have missed some openings. ~~I suspected that Carver had come out with a new, lower priced tuner, the K-2. It appeared on it took somewhat longer to tune than the original Carver, but its adjustment selectivity rating is still impressive at 20 db. Hope everyone has a very Merry Christmas.~~

Logos from Richard Eddie-St. Louis, MO

KWBG NATURAL 98 FM

kiow fm 102

BOX 308 FOREST CITY, IOWA 50436

KGOO

3800 N.E. BROADWAY
DES MOINES, IOWA 50317

KNEN STEREO 93

100,000 Watts
P.O. Box 937
Norfolk, Nebraska 68701

KWOA Radio AM-FM
WORTHINGTON, MINNESOTA

KRLO 97 FM

POST OFFICE BOX 1269
MUSKOGEE, OKLA. 74402-1269

KIL

105.5
281 Radio Road
Mt. Pleasant, Iowa 52641

Saul Chernos
79 Ridge Drive
TORONTO Ontario
M4T 1B6

December 1984

Merry Xmas folks, some brief notes before we get into your reports:

*Some great TROPO in this reporting period and not all of it has been reported yet; I've heard of some real DUCTING taking place, with references to a great opening in 1978 or something like that...don't ask me which one, I was still mired in the wasteland of AM DXing then. I, myself observed SOME nice Tropo during brief excursions to Toronto and a bit in Ottawa with a rotten set-up.

*Also some E-SKIP, which I guess means that the 1984 Es season is finally underway, for those of us who stuck around all summer waiting for it. I got some in day-trip to Burnt Rvr in OCT. *CH2M, the local pirate I reported last month got busted. And the tape I had of it; well they tell you never to store tapes in a warm place, so I guess I shouldn't have left my CH2M tape on top of my broiler...had to scrape it off with a knife, after lunch one day.

*Rob Goodman writes saying KPRC FM 91.5 was on Fri Oct 5 0015-0145 with talk about DXing. (Rob, luckily I didn't keep your comedy-pirate tape on the broiler, I'll get it back to you soon).

REPORT TO THIS COLUMN YOUR FM DX FROM: AK CT HA ID IL IN IA ME MA MI MN MO MT NH NJ NY ND NE OH OR PA RI SD VT WA WI WY CANADA and FOREIGN (to US/CANADA) COUNTRIES, also other planets... (if you were on the shuttle, what did you log on FM?)

JOHN EBELING - 9209 Vincent Ave. S. - Bloomington MN 55431

From BLOOMINGTON MN:

AUG 27 Tr
2130 KIKS 95.3 MN Breezy Point
2145 K220AR 91.9 MN Albert Lea (xltr KMSU MN)
AUG 28 Tr
1655 KSTO 99.3 MN Alexandria
1833 WNCB 89.1 MN Duluth
1846 WEVE 100.1 MN Eveleth
1855 K24AX 96.7 MN Duluth (xltr 93.9 WTBX MN)

From Prossit MN:

AUG 6 Es
1555 CBAP 88.1 PE Charlottetown FF
1600 CFQR 92.5 PQ Montreal
1603 CBF-FM 104.3 PQ Drummondville FF
unIDs in FF on 101.1, 96.1, 93.7.
AUG 7 Tr
0800 K205AX 88.9 MN Hibbing (KDNW 90.5 xltr - finally got correct calls to log)

Prossit near Albion MN, about 30 miles NW of Duluth. Gear her consists of a 5-element RadioShack Yagi in the attic of my cabin. Antenna must be manually rotated. Also use a Pioneer TX9500 tuner, along with occasional use of an AJ-15. DX recorded on cassette (Editor's suggestion: do not store your cassettes in warm places such as on broilers) Most of my revrs SCA equipped. I built my 1st SCA unit way back about 1960

At Bloomington a 25-year-old Channel Master 10-elem. Yagi at 30' AGL; a vertically-mounted dipole on same mast but at 20' AGL. Rotor 25 years old & should probably be replaced. Revrs: a Pioneer TX9500 tuner & Heathkit AR-15 unit. Taping sometimes done on reel-to-reel. Guess that is about it from here. Will report again when cx allow DX to be heard. What a rotten summer for DX!!! Regards, John Ebeling.

BOB ZENT - 1835 Fruit St. - Huntington IN 46750

SEPTEMBER 1 1984 Tr
0200 WXXL 89.5 OH Dayton ID (ex-89.3) 100
2 Tr
0343 WDDJ 96.9 KY Paducah calls 310
0400 WETC 92.1 IL Charleston ID 180
0405 WKYQ 93.3 KY Paducah calls 310
0411 WJBD 100.1 IL Salem calls lclad 245
0500 KFIN 107.9 AR Jonesboro ID 450
0502 KJBR 101.9 AR Jonesboro ID 450
2302 WNF 95.3 MI Whitehall-Musk. ID 155

12 Tr
2031 WQHY 95.5 KY Prestonburg lclads calls 260
2245 WKEE 100.5 WV Huntington "Key Radio WKEE" 230
2308 WOKI 100.3 TN Oak Ridge calls 340
13 Tr
0001 WFMI 100.1 KY Winchester ID 210
2205 CBBL 100.5 ON London ID dual w/Kingston 92.9 245
A couple of nice openings this month gave me several new loggings. I hope OCT MS activity turns out to be as productive for me as last year. 73s, Bob.

BRUCE ELVING - 4515 Ave. "E" - Kearney NE 68847-2610

Just Tr and a few semi-locals added to the log:

AUG 16 Tr: KPNF 101.1 KS Oberlin, KMKR 99.9 KS Leoti (pronounced LEE-OH-TAH).
AUG 21 Tr: KDSD 90.9 SD Pierpont-Aberdeen (rare here), KOLY 99.5 SD Moberge.
AUG 22 Tr: KKCS 101.9 & KSPZ 92.9 CO CO Springs, KABI 98.3 (still) KS Abilene (to move to 98.5)
AUG 24 Good Tr: WDMF 99.3 Dodgeville for my 1st WI Class A, KDSN 107.1 IA Denison, and WHHI 91.3 in WI Highland.

AUG 29 Tr: KCKC 88.3 IA Cedar Rapids and KHAK 98.1 Cedar Rapids IA also.
SEPT 9 Tr: KNID 96.9 OK Enid, KPRS 103.3 MO Kansas City (with magnum power sleuth - booster - as I've got to aim at my two locals, & the Magnum cuts cross modulation that directn.
SEPT 19 Tr: KNAB 104.1 CO Burlington. No sign of 98.3 CO Wray which is on-air but doesn't get out far.

NORTHERN FM DX continues on next page. →

FRED MCCORMACK - 135 Prairiewood Dr. - Fargo ND 58103 Heath AJ-1600, Winegard CH-7078 at 30' and Alliance rotor. Times CDT

JULY 7 Es
2027 WKG 90.7 FL Panama City BigBand 1300
2040 WBLX 92.9 AL Mobile r 1210
20 Tr
1115 KLYF 100.3 IA Des Moines k 400
26 Es
2214 WMEZ 94.1 FL Pensacola 1245
AUG 24 Tr
0144 KHAT 106.3 NE Lincoln 420
0525 WJEZ 104.3 IL Chicago 570
0607 KBEQ 104.3 MO Kansas City 550

AUG 26 are monaural but when heard at Des Lacs awhile ago relayed the AM mono network, (headed by CBW 990 in that region). They were relaying a CBC \$ program and IDing as CBC \$; do they carry CBC \$ after CBC AM s-offs? (Ed: the brackets are mine. Some mono relayers, both EE & FF, do this, though not all. CBC \$ went all-night earlier this year, and SOME AM relays (tho they may be on FM) relay \$ in mono. There aren't many CBC \$ stns so this probably an attempt to give half decent coverage. This could be interesting on Es, and a good reason to be very careful in logging stations. Also, about CJFM with FF, I get as semi-lcl and have never noted FF, but I am not a CJFM listener, and I'll check it out for you. My Canada FM list offers no alternative solution, and you did hear an ID. The occasional ID could be in FF...CHOM insame place & also EE may ID a bit in FF- I vaguely recall hearing one awhile ago) Best of DX, Fred.

ROBERT S. ROSS - Box 4373 Stn. C - London ON N5W 5J2 EDT Ham calls: VE3JFC FMHRD 211, QSLd 130

SEPTEMBER 22 Tr (all)
0025 WCSB 89.3 OH Cleveland
0046 WCFM 90.3 OH " (prgm yet?sc)
0059 WKAR 90.5 MI East Lansing
0104 WFSE 88.9 PA Edinboro
0015 WBOZ 94.3 PA Saegertown
0445 CING 107.9 ON Burlington
0451 WQGB 102.9 MI Ann Arbor
(Don't waste precious time
reading this box - report!!!)

JOE PERGE - 1575 Ditmore Stroll - Newark OH 43055 (Welcome to the column, Joe! -saul) EDT

OCT 12 Tr
1231 WMMU 90.1 MI Marquette "Public R. 511
from N'ern MI University"
1251 WKTN 95.3 OH Kenton w/"Agri-Broadcastg 75
network"
13 Tr
1201 WBN1 89.1 IN FtWayne s-off 158
2310 CJBCL 99.3 ON London many FF IDs 211
14 Tr
0020 CJBX 92.7 ON London "BX93, BigCountry" 211
0026 WGAR 99.5 OH Cleveland "The New WGAR" 105
0109 CBCL 93.5 ON London "CEC R. 740", s-off 211
w/EE service but would return w/"CBC \$ ser-vice...in Toronto at 94.1...etc...& anthem. (they go off; you gotta tune in an actual EE \$ stn in this area, unlike MB-saul)

COMMENTS: Equipmt: Pioneer SX780 & old Jerrold Log Periodic, Uniden CR2021 & whip. This is my 1st report & hope to report more in the future. Heavy FOG during the past week seems to have contributed to some good DX Tropo (wasn't that fog pea soup-saul). I just bought the Uniden revr (FM, AM, SW, LW) (portable) & FM seems sensitive. It rec'd almost everything the Pioneer did but not as strong w/only internal whip. It is suspect to intermod overload from 2 lcl stns, but by rotating the whip most of the intermod is eliminated. The Uniden has only moderate sensitivity on AM, SW, but a longwire can perk sensitivity up. For 89\$ it's a very good portable revr. Re my DX, the London ON stns were in strong; all stns are NEW. 73's, Joe Perge

Logos from Richard Eddie-St. Louis, MO

Northern Illinois University
DeKalb, Illinois 60115

WNIU-FM/89.5 MHz



931 Fletcher Avenue
Indianapolis, Indiana 46203



WBFG
97.7 fm

Crossroads Broadcasting Corp.
444 South Willow, Suite 7
Effingham, Illinois 62401

October is now over & no more reports, so mine & more if some arrive. **ELT**

From OTTAWA w/ Sony SF-750

OCT 7 Tr
1015 CKO2 99.1 ON Toronto
9 Tr
2130 WJHR 102.9 NY Syracuse g
14 Tr
2343 WIGS 95.3 NY Gouverneur mr "Wigs-FM"
15 Tr
0000 CBOC 95.5 ON Cornwall dual IDsw/CBCK
11:55 WDCX 99.5 NY Buffalo g
2216 WJGT 96.5 NY Canton should be .7 not
.5 as in betw. CFMK 96.3 & CBC 96.7 &
called to tell 'em but they denied it;
stn 2 go off air soon, as moved to 89.5,

same QTH in like local)
2201 CHIP 101.5 PQ FtCoulange "C.H.I.P.-MF" FFrm
2300 CHIK 98.9 PQ Québec "SheekMF..."FF mb
2328 CBF-1 104.3 PQ Trois Rivières \$ CBC FF
18 Tr
0205 WJBG 98.7 NY Utica ABC Info net nx, mb
0217 CITE 107.5 PQ Québec FF (CBCK off)
29 CW-Tr
2310 "Radio Eight" 100.0418 or so ON Bell's
Corners, near Ottawa city limits, w/IDs & "99.9" & pr. As over 15 miles away, weak signal,
and thanx to John of CH2M for alerting me to it. John is NOT running it, by the way.
Oct 31 Tr while typing this #&#* column, CBOF 102.5 here went off & at 2316 got WUUU 102.5
NY Utica-Rome w/not-so-mellow rock, but not quite pr. Also "U-102" IDs.

Saul C. in Toronto at Mike Reid's to catch that Tropo

OCT 13 Tr
2200 WJOM 91.7 MI Ann Arbor j
2230 WCPN 90.3 OH Cleveland j
2249 WBEA 107.3 OH Elyria
2352 WCCY 95.5 MI Detroit "295.5"
Oct 14 Tr
0048 WRIF 101.1 MI Detroit "Riff" r
0058 WENS 97.1 OH Columbus in \$ b
0123 WOLE 90.7 OH Lima)//
0123 WOTE 91.3 OH Toledo)
0142 WCLV 95.5 OH Cleveland mb
OCT 14 Tr cont'd
0148 WJQB 102.9 MI Ann Arbor
"Rock-103-WJQB" r in \$
0153 WQPR 107.5 MI Detroit s
0156 WZAK 93.1 OH Clvid s
0200 WRUW 91.1 OH Clv (no CJRT) 0310
0201 WEMU 89.1 MI Ypsilanti s
0205 WHCU 97.3 NY Ithaca CBS
0218 WNUZ 103.5 MI Detroit g
0222 WWWW 106.7 MI Detroit Wk
0245 WNIC 100.3 MI Dearborn
0251 WOSE 94.5 OH FtClinton
0259 WQML 91.7 MI Alpena
0300 CJOM 88.7 ON Windsor
0308 WHTT 96.3 MI Detroit
0309 WLLZ 98.7 MI Detroit
0310 WWHO 106.1 OH Mansfield
0313 WCMU 89.5 MI MtPlsnt
0317 WTHE 92.5 OH Toledo
And all over city Oct 19,
CBC testing on 89.1 in
Paris ON & sig. gets into

Toronto fairly well, so this can count as new stn, even if CBC doesn't use 89.1; they aren't
FORMALLY licensed, just seeing if they QRM anyone, etc...IDs as "CBC testing on 89.1 Mhz"&
Mike Reid now tells me they're using Classical mx to test, too.

A few hours spent in Burnt River to chop wood and an Es opening welcomes me with open arms

A guy at a nearby farm where we're woodchopping is eager to show he his Blaupunkt "Tucson"
car radio..."They're really good for pulling in those distant stns"...so he puts it on & I
scan the dial, knowing what to expect...or did I? No stn nearby on 92.5 has k, must be SUPER
TROPO...then an 88°-90° temperature reading blew me away. After 2 mins, an ID solved things.
It was my only actual ID. Ron (Tucson owner) had to be revived with cold water! My thoughts
go to Harry Hayes testing a newly bought rcvr on Jan 7/84 & getting Es to NF.

OCT 20 Es 1410 WPAP 92.5 FL Panama City; Also CBC on 89.1 testing weak but consistent on
the same car radio, ID also heard, to be official. That's all my DX from every conceivable
location in our province, hi!

Worldwide TV-FM DX Association

WQBK 130
WQBK FM 104

Rensselaer
Address: Box 1300
Albany, New York 12201



WCIC
91.5 FM

Campus Center 316
1400 Washington Avenue
Albany, New York 12222

P.O. BOX 187 PEKIN, ILLINOIS 61654
A BROADCAST SERVICE OF ILLINOIS BIBLE INSTITUTE



2200 NORTH GREENBAY RD
RACINE, WISCONSIN 53406

- DX SPECIAL -

ABC TALKRADIO/RAY BRIEM SHOW

SATURDAY, DECEMBER 15, 1984--0806 utc

DXING GOES NATIONWIDE! JOIN RAY AND HIS IN-STUDIO GUESTS, DR.

RICHARD WOOD AND STEWART MACKENZIE AS WE DIVULGE THE VARIOUS WORK-

INGS OF OUR STRANGE AND WONDROUS HOBBY! WE WANT YOU TO CALL IN AND

PARTICIPATE--DIAL (800)423-8255 TO SPEAK TO DR. WOOD AND MR. MAC-

KENZIE (IN CALIFORNIA CALL 800-262-8255). WE ALSO WILL FEATURE

LIVE "PHONERS" WITH ARTHUR CUSHEN IN INVERCARGILL, NEW ZEALAND;

AND WITH GLENN HAUSER (OF WRNO) FROM FORT LAUDERDALE!

-AS THE SHOW'S PRODUCER, I WELCOME ANY LITERATURE OR SUGGESTIONS,
ETC., WHICH MAY MAKE POSITIVE CONTRIBUTIONS TO THE PROGRAM. PLZ
SEND TO: GREG HARDISON

C/O KABC
3321 S. LACIENEGA BLVD.
LOS ANGELES, CA 90016

WHERE TO TUNE IN YOUR (OR ANY) AREA: (#=TAPE DELAY-CHECK FOR TIMES)
(SHOW STARTS AT 0806 UTC//0306 EST) (*=BROADCAST TILL 0500 EST)

KABC LOS ANGELES, CA	790kHz	WQBK ALBANY, NY	1300kHz
KGNR SACRAMENTO, CA	1320kHz	WSLI JACKSON, MISS.	930kHz
KLCL LAKE CHARLES, LA	1470kHz	WTKN PITTSBURGH, PA	970kHz
KLIQ PORTLAND, OR	1290kHz	WTTP NATICK, MA	1060kHz
KMUS MUSKOGEE, OK	1380kHz	WVNF ALPHARETTA, GA	1400kHz
KOH RENO, NV	630kHz	#KGU HONOLULU, HI	760kHz
*KPRC HOUSTON, TX	950kHz	#KRIG ODESSA, TX	950kHz
KPSI PALM SPRINGS, CA	1450kHz	#KURV EDINBURG, TX	710kHz
KTMS SANTA BARBARA, CA	1250kHz		
KUHL SANTA MARIA, CA	1440kHz		
KXOK ST. LOUIS, MO	630kHz		
*KZIA-FM ALBUQUERQUE, NM	101.7MHz		
KZJO SALT LAKE CITY, UT	630kHz		
WABC NEW YORK, NY	770kHz		
WBBF ROCHESTER, NY	950kHz		
*WBBW YOUNGSTOWN, OH	1240kHz		
WCBM BALTIMORE, MD	680kHz		
WCVL CRAWFORDSVILLE, IN	1550kHz		
WEAN PROVIDENCE, RI	790kHz		
WERC BIRMINGHAM, AL	960kHz		
WGL FT. WAYNE, IN	1250kHz		
WHBQ MEMPHIS, TN	560kHz		
WIIN ATLANTIC CITY, NJ	1450kHz		
WKHM JACKSON, MICHIGAN	970kHz		
WMER PORTLAND, ME	1440kHz		
WNIS NORFOLK-PORTSMOUTH, VA	1350kHz		
WOKV JACKSONVILLE, FL	600kHz		
WPQZ CLARKSBURG, WV	1400kHz		

-THIS SEGMENT OF THE SHOW SHOULD LAST AT LEAST TWO HOURS; THE MORE
CALLS WE RECEIVE, THE LONGER THE SEGMENT WILL CONTINUE--SO DUST OFF
YOUR TELEPHONES, AND LET US HEAR FROM YOU DXERS!!!!!!

Dxer	Location	TOTAL	UHF	XLTR	ES	AU	MS	YB	as of
Bob Seybold	NY Dunkirk	948	468	110	195	6	30	50	11/84
Bill Draeb	WI Kewaunee	887	365	101	190	1	113	53	3/84
Paul Gaines	MI Detroit	527	249	23	81		28	73	4/84
Don Ruland	WI Kenosha	525	260	36	91		31	71	3/84
Marvin Shults	IL Toulon	492	203	27	123		26	65	1/80
Jeff Kadet	IL Macomb	467	206	64	72		1	83	10/84
Tom Yingling	MD Baltimore	460	228	44	185		12	70	
Jim Pizzi	NM Lovington	443	178	108	174		18	81	9/84
Bill Eckberg	IL Dixon	427	177	8	108	1	11	55	11/84
Fred McCormick	ND Fargo	394	81	105	113	2	1	74	6/84
"	ND Des Lacs	373	28	31	213		45	64	6/84
Robert Kramer	IL Chicago	388	160	10	90		30		8/80
Mike Hollis	AL Enterprise	371	175	11	75		13	80	5/84
Mike Lapinski	NY Jamestown	358	252	50	32		1	78	10/84
Nate Ely	WI Madison	315	180	33	35		2		2/84
Frank Wheeler	PA Erie	289	61	1	122	2	5	55	
Roy Barstow	MA Teaticket	287	145	27	76	1	4		4/84
Fred Nordquist	NY Clay	263	125	17	71		3	69	9/84
Richard Reese	PA Jersey Shore	262	45	7	152		28	79	5/83
W. R. Hepburn	ON Niagara Falls	242	84	6	84		76		8/84
"	NT Coral Harbour	10			9		84		"
"	NT Hall Beach	1					84		"
Allan Michalek	MA Springfield	216	64	6	101				4/84
Ron Purdue	MN Byron	193	97	34	69		81		7/84
Mike Hogan	IL Burnham	168	88	1	42		73		6/84
Saul Chernos	ON Toronto	161	6		94		76		3/83
"	ON Brunt River	60	23		12		79		"
Bob Schweitzer	NJ E. Brunswick	156	104	14	4		76		8/84
Steve Sprachman	NY Seaford	154	84						
John Jefferson	CA Pleasanton	133	48	17	62		1	76	8/84
Mike Cunningham	WV Harrisville	79	37		8		83		3/84

And now for some personal best, your own records:

John Jefferson-CA Pleasanton, Longest 2-skip KJRH-2 OK Tulsa and KDFW-4 TX Dallas both logged at 1425 miles.
Shortest E-skip KUTV-2 and KTVX-4 UT Salt Lake City at 560 miles.

Fred Nordquist-NY Clay, E-skip KOA-4 (now KCNC) CO Denver at 1515 miles
tropo WKOW-27 WI Madison at 667 miles
Meteor scatter WBTW-3 NC Charlotte at 601 miles

W. R. Hepburn-NT Hall Beach, E-skip KIII-3 TX Corpus Christi 1510 miles
tropo WFLD-32 & WCFC-38 IL Chicago at 460 miles

F2 TF1-F2 France at 4890 miles

Bill Eckberg-IL Dixon, E-skip YSR-2 EL San Salvador at 1940 miles
Shortest E-skip WMOT-5 TN Memphis at 451 miles
VHF tropo KGUL-11 TX Galveston (now KHOU Houston) at 915 miles
UHF tropo KARD-14 LA West Monroe at 651 miles

Ron Purdue-MN Byron, E-skip KVVU-5 NV Henderson at 1293 miles
tropo KTBO-14, KOKH-25, KGMC-34 and KAUT-43 OK Oklahoma City at 656 miles

Keep those reports coming and thanks.....

73's Bob

CABLE TV INTERFERENCE -- A BACKGROUND REPORT

by ED SIROVY,
Chicago Chapter Moderator
Radio Communications Monitoring Association

Although cable-TV is supposed to be closed circuit, because it uses radio waves, if that closed circuit opens somewhere, it can broadcast beyond the limits of the cable. The subscriber drop line is kept at a level much higher than normally found on antenna lead-in to provide a solid noise free signal. To prevent a subscriber from affecting other cable users, a resistance is placed between a subscriber and the trunk line. This means the trunk line must be operated at a higher level still. Thus a break in the trunk line integrity will radiate farther than a problem with a subscriber drop.

In August of 1984, a storm dropped several heavy branches onto the cable trunk line in my alley. NY channel 9 appeared on my channel 4. The UHF Atlanta superstation came in on channel 13. Manipulating the tuner controls on my (35 channel) cable ready VCR brought in HBO, Showtime, Cable News Network and other cable services with varying levels of snow and intermod. Worse yet, regular Chicago stations now had a ghost caused by the cable retransmission being rebroadcast milliseconds behind the direct reception. Finally, my scanner was being jammed all over the spectrum.

A call to the FCC brought a "don't disturb my bureaucratic games, what do you want me to do, be a public servant?" attitude. I called the FAA as they have a remote control site at nearby Downers Grove/Woodridge in case their system was getting interference. A call to the local cable company office confirmed my suspicion that employees were never trained about a closed circuit "broadcasting." Besides, a service call was rejected by their computer because I was not a subscriber.

I located the regional cable company office in a city it did not serve. From their operator, I found out the name of their Chief Engineer who did not return my call. I sent a Certified Letter to him citing chapter and paragraph the FCC regulations. I established my right as a user of the electromagnetic spectrum as a broadcast watcher (scanner owners have no rights as they are not the intended recipient normally) that could not watch non-local stations anymore as well as having regular channels ghosted. This letter could then be used as an exhibit for a formal complaint (original and ?? copies please) to the commission in Washington. That brought results, a call from the Construction and Repair Chief besides the Chief Engineer.

I had prepared for this by walking several blocks in all directions with a portable scanner to find the point of highest signal strength. The cable company's sweeps were inconclusive because they used a wide-band measuring device. Thus, they measured up to 6 MHz of a public safety/business band spectrum. About 100 police and fire departments and 1000 business users masked any meaningful meter reading. After replacing first the connectors, then 4-drop coupler, and finally a 500 foot section of trunk cable, the interference cleared up.

A nearby ham continued to suffer interference however. He is a subscriber. He had added a section of coaxial cable to the cable connecting his TV set with his VCR. That cable was purchased at a handy neighborhood national electronics chain store. The cable did not have a 100% shield. A check of the Belden catalog revealed cable with anywhere from 100 to 80% shielding. He did himself in. His lesson is don't buy anything off the shelf regardless of brand name until you have checked the specs in a manufacturers catalog because YOU can cause radiation!

CABLE-TV INTERFERENCE

A Background Report

A TV signal occupies about 4.5 MHz of bandwidth. When this signal is sent in the 0 - 4.5 MHz portion of the electronic spectrum it is known as a baseband signal. Baseband video is used in TV stations to mix and switch pictures and is also used between computers and monitor CRTs. If you dub between VCRs you should use the baseband instead of the RF connections to bypass modulator and tuner losses. Because a coaxial cable can carry only one baseband signal, this technique would never do for cable TV.

The first cable systems solved this problem by sending these pictures by using Radio Frequencies used to send regular TV stations on channels 2-13. These were only 12 channel systems and were a waste of cable capacity. By providing subscribers with tuner/converters, it was possible to use non-standard frequencies for TV transmission. These systems provided FM re-transmission and added mid-band channels using the spectrum between 108 and 174 MHz. These were typically 20 channel systems. As low noise/higher frequency transistors were developed, the spectrum above 216 MHz (ch 13) was employed, first as about 35 channel systems up to 300 MHz and later 400 MHz and beyond for 60+ channel installations. Another technique that had to be developed is called tilt compensation. Because cable loss increases with frequency, amplifier gain must also increase with frequency.

By the way, not all cable compatible TV sets or VCRs have full 400+ MHz capability. Some only have mid-band. Others only go up to 300 MHz (35 channels). The same is true of so-called cable tuners or upconverters offered to consumers by electronics dealers; buyer beware!

There are three cable TV band plans. The system that just adds on to the regular broadcast channels is called the Standard System.

A second system is called the Incremental Related Carrier System. In this system, all carriers are the same as the standard system except for channels 5 and 6. They are shifted 2 MHz up so that they are exactly 6 MHz increments from channels 2-4.

In the Harmonic Related Carrier System all carriers are shifted down 1.25 MHz from the IRC system so that all harmonics land on another carrier.

Caution, not all cable ready systems accommodate the IRC or HRC systems. Some equipment has a Standard/HRC system switch. Others have 3 position switches. If you have a broadcast/cable switch or no switch at all, lots of luck. Buyer beware.

WHAT YOU WILL HEAR SCANNING A TV CHANNEL...

The sound portion of a TV signal is wide band FM. With a narrow band scanner you will hear a distorted sound at best. At worst your detector may miss the signal completely. The sound carrier is picture + 4.5 MHz.

The picture portion is a semi-single sideband AM signal with full carrier. Because the synchronizing signals are at 100% modulation, a good Armstrong limiter-discriminator circuit still could not ignore it. The sync frequencies that modulate the carrier are 59.94 cycles vertical buzz and 15,734.264 cycles horizontal ringing buzz. The actual picture patterns will be transient pulses from -1.25 MHz to +4.2 MHz from the picture carrier.

Still another point to watch out for is located at picture + 3.5795454545...MHz. This is the color sub-carrier. You will probably find a buzz there unless the picture is transmitted in black and white. (B&W film is transmitted with color generator turned off; otherwise the color film camera transmits a yellowish overlay.)

The part of the video spectrum that is the quietest is at carrier + 2 to carrier + 3 MHz. Look there for hidden communications first. The picture carrier is exactly 1.25 MHz from the bottom of the channel.

CABLE-TV INTERFERENCE

A Background Report

STANDARD BROADCAST AND CABLE CHANNELS

CHAN	VISUAL	AURAL	CHAN	VISUAL	AURAL	CHAN	VISUAL	AURAL
2	55.25	59.75	47 II	349.25	353.75	U 35	597.25	601.75
3	61.25	65.75	48 JJ	355.25	359.75	U 36	603.25	607.75
4	67.25	71.75	49 KK	361.25	365.75	U 37	609.25	613.75
-	---	---	50 LL	367.25	371.75	U 38	615.25	619.75
5	77.25	81.75	51 MM	373.25	377.75	U 39	621.25	625.75
6	83.25	87.75	52 NN	379.25	383.75	U 40	627.25	631.75
-	---	---	53 OO	385.25	389.75	U 41	633.25	637.75
14 A2	109.25	113.75	54 PP	391.25	395.75	U 42	639.25	643.75
15 A1	115.25	119.75	55 QQ	397.25	401.75	U 43	645.25	649.75
16 A	121.25	125.75	56 RR	403.25	407.75	U 44	651.25	655.75
17 B	127.25	131.75	57 SS	409.25	413.75	U 45	657.25	661.75
18 C	133.25	137.75	58 TT	415.25	419.75	U 46	663.25	667.75
19 D	139.25	143.75	59 UU	421.25	425.75	U 47	669.25	673.75
20 E	145.25	149.75	60 VV	427.25	431.75	U 48	675.25	679.75
21 F	151.25	155.75	61 WW	433.25	437.75	U 49	681.25	685.75
22 G	157.25	161.75	62 XX	439.25	443.75	U 50	687.25	691.75
23 H	163.25	167.75	63 YY	445.25	449.75	U 51	693.25	697.75
24 I	167.25	173.75	64 ZZ	451.25	455.75	U 52	699.25	703.75
-	---	---	65 AAA	457.25	461.75	U 53	705.25	709.75
7	175.25	179.75	66 BBB	463.25	467.75	U 54	711.25	715.75
8	181.25	185.75	67 CCC	469.25	473.75	U 55	717.25	721.75
9	187.25	191.75				U 56	723.25	727.75
10	193.25	197.75				U 57	729.25	733.75
11	199.25	203.75				U 58	735.25	739.75
12	205.25	209.75				U 59	741.25	745.75
13	211.25	215.75				U 60	747.25	751.75
-	---	---				U 61	753.25	757.75
25 J	217.25	221.75				U 62	759.25	763.75
26 K	223.25	227.75				U 63	765.25	769.75
27 L	229.25	233.75	U 14	471.25	475.75	U 64	771.25	775.75
28 M	235.25	239.75	U 15	477.25	481.75	U 65	777.25	781.75
29 N	241.25	245.75	U 16	483.25	487.75	U 66	783.25	787.75
30 O	247.25	251.75	U 17	489.25	493.75	U 67	789.25	793.75
31 P	253.25	257.75	U 18	495.25	499.75	U 68	795.25	799.75
32 Q	259.25	263.75	U 19	501.25	505.75	U 69	801.25	805.75
33 R	265.25	269.75	U 20	507.25	511.75	---	---	---
34 S	271.25	275.75	U 21	513.25	517.75	T 70	807.25	811.75
35 T	277.25	281.75	U 22	519.25	523.75	T 71	813.25	817.75
36 U	283.25	287.75	U 23	525.25	529.75	T 72	819.25	823.75
37 V	289.25	293.75	U 24	531.25	535.75	T 73	825.25	829.75
38 W	295.25	299.75	U 25	537.25	541.75	T 74	831.25	835.75
-	---	---	U 26	543.25	547.75	T 75	837.25	841.75
39 AA	301.25	305.75	U 27	549.25	553.75	T 76	843.25	847.75
40 BB	307.25	311.75	U 28	555.25	559.75	T 77	849.25	853.75
41 CC	313.25	317.75	U 29	561.25	565.75	T 78	855.25	859.75
42 DD	319.25	323.75	U 30	567.25	571.75	T 79	861.25	865.75
43 EE	325.25	329.75	U 31	573.25	577.75	T 80	867.25	871.75
44 FF	331.25	335.75	U 32	579.25	583.75	T 81	873.25	877.75
45 GG	337.25	341.75	U 33	585.25	589.75	T 82	879.25	883.75
46 HH	343.25	347.75	U 34	591.25	595.75	T 83	885.25	889.75

IRC CHANNEL 5: 79.25V, 83.75A; CHANNEL 6: 85.25V, 89.75A

HRC SYSTEM: Subtract 1.25 MHz from IRC SYSTEM

Original cable systems were only 12 UHF channels, later 20+ systems added mid-band. As cable expanded, systems went to 300 MHz, then 400 MHz, some may be approaching 500 MHz. "Cable compatible" equipment may not accommodate HRC or IRC band plans or may cut off at 300 MHz.

STATION BREAK

WTFDA H.Q.
P.O. Box 514
Buffalo, NY 14205

WTFDA member ads only. 3 line or 30 word limit.

WANTED - Crank up 55' to 65' free standing tower; used OK if in crankable condition. Rich Wertman, 315 Pine St., Lockport NY 14094.

FOR SALE OR TRADE - ICOM 720A ham rig, 10 thru 80 meters w/IC SM5 mic. Mint condition, \$700.00 or will trade for 55' to 65' crank up free standing tower. Rich Wertman, 315 Pine St., Lockport NY 14094.

FOR SALE - Radio Shack 476-A mast mounted VHF-UHF pre-amp (VHF 26 dB/UHF 22) like new \$20.00; Pioneer TVX-9500 TV sound tuner push button VHF/detent (UHF) with service manual & warranty card. like new \$100.00. Jim Pizzi. P.O. Box 1778, Lovington NM 88260.

WANTED - VUDs from 1976, 1979, or 1982. Also looking for old station guides (WTFDA or Vane Jones) and old translator lists. E.R. Shepherd, 329 10th St. Dr. NW, Hickory NC 28601.

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94 WKTI
FM

97 WYNY
FM RADIO

TELEVISION NEWS

Bill Fahber, editor
336 Atlantic Street
Bridgeton, NJ, 08302

APPLICATIONS FOR NEW TELEVISION STATIONS

CH	ERP	HAAT	STATE/CITY/APPLICANT
25	5000	1168	FL Tequesta; Southern Florida Broadcasting Company
51	5000	586	FL Marianna; Marianna Televis'n
53	5000	904	OK Tulsa; Tulsa Broadc'g Group
22	152	210	TX Galveston; Galveston Educational Television Inc.
35	?	?	FL Miami; TV 35 Associates (no engineering data submitted)
51	1000	432	KY Hopkinsville; Christian County Television Ltd.
45	?	?	MN Minneapolis; TV 45 Associates of Minneapolis (no engineering data submitted)
25	1000	510	AR Pine Bluff; Montgomery Bc'g
50	5000	930	NC Raleigh; Brahman Communic's
14	5000	999	TX Tyler; Tyler 14 Ltd.
60	5000	1388	VA Roanoke; Brahman Communic's
25	1000	1069	AR Pine Bluff; Robin C. Brandt
61	5000	875	FL Gainesville; Gainesville Television Group Inc.
61	5000	920	FL Gainesville; Cozzin Communications Corp.
61	3444	936	FL Gainesville; Gator Broadc'g
61	5000	1092	FL Gainesville; G'ville Telecrs.
33	1400	681	MI Cadillac; Robin C. Brandt
50	5000	1088	NC Raleigh; Grant Cotton
50	5000	1306	NC Raleigh; The L Broadc'g Corp.
50	5000	987	NC Raleigh; Raleigh Community Broadcasting Company Ltd.
12	316	2000	SD Huron; TV-26 Inc.
60	5000	1555	VA Roanoke; Southwest Virginia Television
29	1000	689	TX San Antonio; Santa Gertrudis Broadcasting
63	1242	312	FL Palatka; Pentecostal Revival Association Inc.
40	2800	953	TX Crockett; Drey A. Hayford
61	2260	879	FL Gainesville; Central Florida Broadcasting Corporation
59	5000	2000	CA Big Bear Lake; Felice-Tec
55	3760	1575	TX Conroe; TRG Broadcasting Systems, Inc.
39	23.0	730	IN Fort Wayne; Fort Wayne Public Television
39	?	?	AZ Phoenix; Community TV Assoc'n
27	?	?	AZ Tucson; " " "
41	?	?	CO Denver; " " "
59	?	?	FL Jacksonville; " " "
57	?	?	GA Atlanta; " " "
44	?	?	HI Honolulu; " " "
69	?	?	IN Indianapolis; " " "
54	?	?	MA Worcester; " " "
58	?	?	MD Waldorf; " " "
36	?	?	MD Oakland; " " "
14	?	?	TN Memphis; " " "
42	?	?	TN Nashville; " " "
62	?	?	WA Seattle; " " "
34	?	?	WA Bellingham; " " "
56	?	?	WA Tacoma; " " "
50	5000	1116	TN Memphis; Jack Townes
29	5000	479	TX Decatur; Wise County Messenger

52 5000 1210 TX Fort Worth; Dave neese
59 1290 920 NJ Vineland; Petrum Broadcast-
ing (21.31 miles shortspaced
to WNJT, ch. 52, Trenton!)

61 2260 879 FL Gainesville; Central Florida Broadcasting Corporation
Note on the Community TV Association applications: all twenty applications are for noncommercial assignments, and were all filed on the same day. FCC News releases didn't give any engineering data on any of them. I don't know if the original applications had any or not at this point. Nor do I know anything about the applicant.

APPLICATIONS RETURNED BY THE FCC

I normally include applications returned and dismissed under the same heading, but due to a current rash of Mickey Mouse applications there have been a large number of applications returned by the FCC because they are so poor they couldn't even be processed. Larry Fuss reported that many of the applications returned listed in the 10/84 VUD were connected with Michael Thurman, who apparently has absolutely no knowledge about engineering. The rejectees listed in the 10/84 VUD represented the third wave of trash applications. Television Digest never even bothered reporting most of them. And a cursory look at some of the applications listed above look like they are headed in the same direction.

AR Pine Bluff; ch. 25; Montgomery Broadc'g
KS Salina; ch. 44; Odessa Communications
NE Lewiston; ch. 35; Lewiston Broadcasting
TX Sonora; ch. 11; Goodson Broadcasting (10 kw ERP vis; 0.01 kw aural?)
TX Alpine; ch. 12; Alpine Broadcasting (100 kw vis; 0.10 kw aural. A little better!)
VA Roanoke; ch. 60; Brahman Communications
TX Beaumont; ch. 21; Brahman Communications (Brahman still has that application for Raleigh, N.C.)

MN Minneapolis; ch. 45; MGT Broadcasting
TX Lubbock; ch. 16; Lubbock Communications
AL Dothan; ch. 60; Wireless Broadcasting Inc. (Isn't there still a construction permit for WFFP-TV there?)

NM Albuquerque; ch. 32; Alpha Omega Broadcasting of Albuquerque, Inc. (noncommercial assignment)

TX Tyler; ch. 14; Tyler 14, Ltd.
FL Miami; ch. 35; TV 35 Associates (no engineering submitted)
MN Minneapolis; ch. 45; TV 45 Associates of Minneapolis (no engineering submitted)

APPLICATIONS DISMISSED BY THE FCC

CA Sacramento; ch. 29; Capital Hispanic Broadcasters Inc.; Do Decca Ektron Corp.; Delta Broadcasting Company Inc.; Channel 29 Investors limited partnership; Alden Communications Corporation
TX Jacksonville; ch. 56; Tarsan Television Company
PA Erie; ch. 66; Seneca Broadcasting Corp.
OH Portsmouth; ch. 30; Radio Station WPAY

DECEMBER, 1984

MS Magee; ch. 34; Magee Broadcasting Co., Inc.
DE Seaford; ch. 38; John R. Powley; Seaford
Television Company (action taken 10/5/84.
Don't know what gives on this channel, but
it looks like all three applicants were
reinstated after their initial dismissal a
few months ago.)

RI Block Island; ch. 69; Minority Broadcast-
ing of Block Island

AZ Phoenix; ch. 45; Jonathan Byrd
AZ Flagstaff; ch. 13; Ware Communications Inc.
CA San Bernardino; ch. 30; Amerasian Broad-
casting Service

CO Fort Collins; ch. 22; Fort Collins Televis-
ion Inc.

MA Vineyard Haven; ch. 58; Katy Communications
Inc.

NY Ithaca; ch. 52; Oswego Broadcasting, Inc.
TX Lake Dallas; ch. 55; Poplar Lake Telecast-
ers Ltd.

UT Salt Lake City; ch. 13; Salt Lake City Utah
TV Inc.

MS Vicksburg; ch. 35; Matthew D. Wiggins Jr.;
TV 35, Inc.

TX Fort Worth; ch. 31; Texas Educational Net-
work, Inc.

LA New Iberia; ch. 36; Guadalupe Enterprises
Inc.

AL Selma; ch. 8; James L. Oyster (Review
Board decision, confirming initial decision
to renew the license of WSLA-TV, now
WAKA)

TX Dallas; ch. 58; Ideal Licensees Ltd.;
Dallas '58, Inc.; Associated Communications
Corporation; Ark Communications Corpora-
tion; Texas Women in Broadcasting Inc.
(Joint request for settlement)

WI Milwaukee; ch. 58; George Fritzinger; En-
hancement Services Inc.; Milwaukee Broad-
casting Limited Partnership; Glory Minis-
tries. (Joint request; apparently the only
remaining applicants are TV58 Ltd. and Zo-
diac Partnership, but I have no record of
dismissal of applications for High Defini-
tion Television, Ebony Telecasters, or
Herbiber B. Colon.)

CA Rancho Palos Verdes; ch. 44; California
Telecasters (Joint request; still seven
other applicants competing for the channel.

OK Norman; ch. 46; Powell Community Televis-
ion (Joint agreement with Daystar Broad-
casting for settlement.)

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

36 1260 1452 NC Roanoke Rapids; University of
North Carolina

35 70.2 474 OK Claremore; Rogers State Coll.

28 18.6 244 WI Sheboygan; Sheboygan County
Broadcasting Company Inc.
(Summary decision)

36 2692 900 LA New Iberia; Tres Video Inc.

31 582 1055 TX Fort Worth; Educational Tele-
vision of the Southwest Inc.

14 2780 428 VA Arlington; Urban Telecommu-
nications Corp. (Review Board
decision)

49 1000 315 IL Springfield; Midwest Televis-
ion Inc. (conditional; Review
Board Decision)

62 3630 2395 CA Riverside; KIST Corp. (Review
Board, reversing initial decn)

58 1187 1670 TX Dallas; Metroplex Broadcast-
ing Company

46 5000 835 OK Norman; Daystar Broadcasting

38 1243 614 MI Mt. Clemens; Adell Broad-
casting Corp. (Review Board
decision, affirming initial
decision)

APPLICATIONS TO EXTEND CONSTRUCTION PERMITS

33 FL Miami; WFBF-TV

10 MN Thief River Falls; KFOM-TV

22 CA Cotati; KRCB-TV

64 TN Tullahoma; WBGY-TV (CP expired)

17 AR Hot Springs; KLEP

8 AL Selma; WSLA (now WAKA, for changes)

26 AR Hot Springs; KRZB-TV

11 AZ Yuma; KCAA

24 PA Erie; WJET-TV (for changes)

46 PR Cidra; WCNT

27 TX Laredo; KLDQ-TV

19 OK Muskogee; KMKO

4 SC Charleston; WCIV (CPs granted for
changes for this and the following on
5/20/82. I have no record of what
those changes are.)

2 SC Charleston; WCBD-TV (etc.)

5 SC Charleston; WCSC-TV (etc.)

7 SC Charleston; WITV (etc.)

60 CA Los Angeles; KDDE (to replace expired
construction permit)

32 FL Lakeland; WIUD

35 IL La Salle; WWTO-TV

24 OR Portland; KTDZ

38 PA Scranton; WOLF-TV

52 OK Oklahoma City; KSBI

CONSTRUCTION PERMITS EXTENDED

32 CA San Francisco; KQEC

2 TX Houston; KPRC-TV (for changes)

33 FL Miami; WFBF-TV

17 AR Newark; KLEP

22 CA Cotati; KRCB-TV

8 AL Selma; WSLA, now WAKA (for changes;
note also that its license was renew-
ed against another company competing
for the channel.)

24 PA Erie; WJET-TV (for changes)

19 OK Muskogee; KMKO

11 AZ Yuma; KCAA

43 NY Syracuse; WFWY

4 SC Charleston; WCIV (for changes)

4 SC Charleston; WCBD-TV (for changes)

5 SC Charleston; WCSC-TV (for changes)

7 SC Charleston; WITV (for changes)

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

21 2000 850 KY Louisville; WBNA

24 n.c. 1785 OR Portland; KTDZ

22 n.c. 894 WA Seattle; KTZZ

11 n.c. 230 WY Rawlins; KRWY

17 ? ? AR Newark; KLEP (anybody know
anything on this one?)
(look for BMPET841009LA.)

39 3000 n.c. TN Greeneville; WETO

15 1320 1180 LA Lafayette; KADN, directionl

26 245 936 AR Hot Springs; KRZB-TV, dir'l

44 3289 1493 FL Pensacola; WJTC

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10 240 600 MN Thief River Falls; KFOM-TV

66 n.c. 831 TN Lebanon; WJFB

32 5000 890 FL Lakeland; WIUD (directional)

39 560 n.c. LA West Monroe; KMCT-TV

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

40 96.4 2754 PR Fajardo; WMTF

63 3435 1802 CA Oxnard; KTIIE

20 68 1744 WY Casper; KXWY-TV

54 2223 1692 AL Huntsville; WZDX

APPLICATIONS FOR CHANGES IN FACILITIES

52 1073 774 OH Sandusky; WGGN-TV

FACILITIES CHANGES GRANTED

CA Bureka; KEET, ch. 13; granted CP to change
ERP from 61.7 kw to 187 kw max.; raise
antenna to 1690' AAT/337' AG/2997' ASL
(160' higher); same TL. This should in-
crease coverage area when the change is
completed.

CA San Diego; KPBS-TV, ch. 15; granted CP to
increase ERP from 219 kw to 3000 kw max;
antenna height to 2007' AAT/220' AG/2752'
ASL (56' higher); TL either on the same
tower or next to it, on Mt. San Miguel.

LA West Monroe; KARD (note change in call
letters; I still had them as KLA4, ch.
14; now operating 1050 kw max/938 kw hor.;
formerly 513 kw); no change in TL or
height.

OH Sandusky; WGGN-TV, ch. 52; now operating
at 49 kw max. Was previously licensed
at 196.14 kw, so signal should be weaker.

OK Tulsa; KOED-TV, ch. 11; granted MP to
increase ERP from 259 kw to 316 kw max/
291.7 kw hor.; 1713' AAT/1835' AG/2350'
ASL (higher location, and 204' higher ASL)
Coordinates 36°10'15"N/95°40'32"W; TL to 1.8
miles east of Oneta (Azimuth 93°true, 23.6
miles from present site). This should be
good for those who can't receive KOET, ch.
3 because of adjacent channel interference
from KJRH, channel 2.

KY Madisonville; WKMA, ch. 35, applied for a
license to cover changes in facilities.
They are supposed to change from 614 kw
max/513 kw hor. to 513 kw, for what it's
worth.

Don't know if they changed
yet, but I can still get it in at night.

AZ Phoenix (Mesa?) KAET, ch. 8; granted
license to cover changes from 316 kw to
316 kw max/305 kw hor; 1756' AAT/346' AG/
2989' ASL (159' higher).

IN Indianapolis; WTHR, ch. 13; granted licen-
se to cover change from 295 kw to 316 kw max.

TX El Paso; KDBC-TV, ch. 4; granted license
for change from 61.7 kw to 100 kw max;
antenna height to 1563' AAT/410' AG/5610'
ASL (325' higher ASL); coordinates 31°47'
46"/106°28'57"W (½ mile NW of previous
site); TL Comanche Peak.

CALL LETTER APPLICATIONS: NEW STATIONS

38 WDTS DE Seaford; L.E.O. Broadcasting

35 WKMN-TV MS Vicksburg; Vicksburg Broad-
casting Group

CALL LETTERS GRANTED: NEW STATIONS

66 WSMH MI Flint; Flint Family Television

55 WOCD NY Amsterdam; G&M Broadcasting

25 WXXV-TV MS Gulfport; Four-O Inc.

23 KERO CA Arleta; Mad River Broadc'g Co.
Broadcasting Company

16 WJWT TN Jackson; WUAA

69 KBTV IA Des Moines; Iowa Television
Authority

26 WQTO PR Ponce; Ana G. Mendez Educa-
tional Foundation

27 KLDQ-TV TX Laredo; KJTR

24 WTAT-TV SC Charleston; Charleston Commu-
nity Television Ltd.

CALL LETTER CHANGES: STATIONS ON THE AIR

2 KGAN IA Cedar Rapids; KGAN-TV

60 KMBH TX Harlingen; KEDV

CHANGES IN THE TABLE OF CHANNEL ASSIGNMENTS

NV Reno: add 11z

CONSOLIDATED HEARINGS

TX Tyler; ch. 60; Big Six-O TV; Channel 60
Corporation; Minority TV of Tyler Inc.;
Vestcom Broadcasting

TX Austin; ch. 54; Capital City Community
Interests; Television 54 Corporation;
Capitol Area Broadcasting; Balcones
Broadcasting Ltd.; Lake Country Tele-
casters, Inc.; Channel 54 Ltd.; ATVA
Associates, Inc.; DB Broadcasting Inc.

NM Gallup; ch. 10; Contemporary Communica-
tions, Inc.; Haynes Communications Com-
pany; Grand Canyon Television Company,
Inc. Haynes would not have line-of-sight
to principal community and requests
waiver of section 73.695(b). Contemporary
Communications, by the way, is owned by
club member Larry Fuss.

CA Santa Barbara; ch. 38; Wilshire District
Broadcasting Company Inc.; Rainbow Tele-
vision Group; Coast TV (2690 kw max vis/
742.3 kw max aural, or 27.6% of visual!);
Mission Broadcasting Group; Mission
Broadcast (as noted before, these are two
different groups); Santa Barbara 38 Broad-
cast Group Limited Partnership (proposes
KBLS(AM) tower).

CA Visalia; ch. 49; Community Educational
Television Inc.; Diocese of Fresno Educa-
tional Corporation.

FL Lake Worth; ch. 67; Dan Mahoney; Minority
Television of Lake Worth, Inc.; Lake
Worth Broadcasting Corporation; Hispanic
Broadcasting Inc. WFLX-TV, West Palm
Beach, objected that Mahoney had no
assurance of a transmitter site, was
short-spaced to another channel assign-
ment, had no EEO statement, and was not
financially qualified; Mahoney subse-
quently asked that his application be
dismissed.

UT Provo; ch. 16; San Joseph Broadcasting
Inc.; Morro Rock Resources Inc.; Skagit
Valley Publishing Company.

GA Albany; ch. 52; Albany Broadcasters, Inc;
Harold Yancey Edwards.

MD Cumberland; ch. 65; Gary D. Terrelli;
Rita L. Young

TN McMinnville; ch. 33; Warren County Broadcasters; Underwood Enterprises Inc.
 AZ Kingman; ch. 6; Contemporary Communications Inc.; John R. Powley; Grand Canyon Television Company Inc.; Canyon Communications Company.
 IN Hammond; ch. 62; FCC to hear objections raised by other applicants to its grant of a construction permit to Pan American Broadcasting Company.

STATIONS ON THE AIR

AL Tuscaloosa; WDBB-TV, ch. 17; went on the air 10/8/1984. 1306.8 kw max. ERP; 607' AAT/469' AG/859' ASI; coordinates 33°09' 36"/87°30'54"; TL 0.2 mile northeast of intersection of Jug Factory Road and 15th Avenue; zero offset.

INTERIM OPERATION OF KHOF-TV, SAN BERNARDINO

The FCC upheld a Review Board decision of 1/30/1984 designating Angeles Broadcasting Network as interim operator of KHOF-TV, ch. 30 in San Bernardino, California, formerly licensed to Faith Center, and denying the competing applications of Maranatha Broadcasting Company, Asian-American Broadcasting Foundation, and Christians Aware.

Angeles and Maranatha were considered superior to the others in terms of broadcast experience, local residence, female ownership. But Angeles was superior to Maranatha in its proposal to integrate a black 33% owner into management, and its integration of its president, Rev. Gerald G. Barnard, as the station general manager. (Contrary to the more common application, the FCC references to integration deal with the merger of ownership and management. The FCC looks down on a station in which the owners are not actively involved in the station's management.) Rev. Barnard committed himself to curtailing his outside activities to the extent necessary to effectuate his integration proposal. As a resident of Solana Beach 76 miles away, he made a sworn statement that he resides within the Grade B contour of the station. Barnard is also pastor of the Christian Faith Center Church, president of the Christian Communications Network, hosts a religious program and engages in other religious activities.

But the losing parties challenged the FCC Review Board's decision which rested on Barnard's claims of residence within the station's coverage area, his outside activities being curtailed, its refusal to permit Maranatha to investigate Barnard's integration, its disregard of Maranatha's superior proposed programming, not giving Asian-American credit for its minority ownership, and not giving effect to a merger of two applicants which resulted in the formation of Maranatha.

Maranatha also accused Barnard of having a significant relationship with the permittee of channel 69 in San Diego, whose coverage area will overlap KHOF-TV.

So much for Christian unity.

WTVH, SYRACUSE, VIOLATES FAIRNESS DOCTRINE

I know this one will make Robert Goodman's blood boil!

WTVH had run a series of spot advertisements for the Energy Association of New York, which advocated construction of the Association's Nine Mile II nuclear generating plant as a "sound investment" back in the summer of 1982. These ads contained the assertion that Nine Mile II is the solution to some of New York's major problems, such as the need for electricity and the need to eliminate dependence on foreign oil imports.

But the Syracuse Peace (sic) Council complained to the FCC that WTVH, by running these ads without a contrasting viewpoint, had violated the Fairness (sic) Doctrine. And the FCC determined that WTVH was unreasonable in its determination that the economic issue was not discussed because it was considered neither controversial nor of public importance. But the Peace (sic) Council submitted numerous newspaper articles and evidence of citizens' complaints which had been filed with the New York State Consumer Protection Board, and a statement by Public Service Commissioner Rosemary Pooler to show that the sound investment is questionable.

The FCC had responded by giving WTVH 20 days in which to advise the FCC as to how it intends to meet its Fairness (sic) Doctrine obligations (sic).

I'm sure WTVH could offer to sell the Syracuse Peace (sic) Council some air time at the same rate, after inflation, that it sold the same amount of air time to the Energy Association.

MORE TERMITES NIBBLING AWAY AT THE TABLE OF FREQUENCY ALLOCATIONS

The FCC had reallocated channels 15 and 16 in the Gulf of Mexico along the Louisiana-Texas Gulf Coast area for Offshore Radio Service and permitted for interstitial (offset in frequency by one-half channel from the normal voice channels) frequency use within the existing ORS allocation at 488-494 MHz (channel 17). Since only a few sparsely populated areas are affected, the FCC sees little impact on low power broadcasting operations.

EXPERIMENTAL STATIONS AUTHORIZED WITHIN THE UHF TELEVISION SPECTRUM (OR NEAR IT)

KO2XGW, Salinas, CA and 50 mile radius, to operate on 468.500 and 462.000 MHz for testing of equipment for use in fire and security alarm systems, to Radionics, Inc.
 KO2XHB, Paramount and Los Angeles Basin, CA, to operate on 450-512 MHz on frequencies as designated in part 90 of FCC rules, to Yaesu Electronics Corporation to develop 16F3 and compandored sideband transceivers that operate on very low power, and to demonstrate to potential customers.
 KO2XHD, anywhere within the continental US, to IBM Research and Development Inc, on 823.9625 and 868.9625 MHz to demonstrate portable Data Radio Transmission Systems.

FORUM

You might have noticed that I fixed my typewriter so that it types commas and the bottom of some lower case letters. I'm still trying to fix it so that stops misspelling words on me. (and omitting words.)

George Mileon wrote to me about two weeks after the 10/84 VUD came out. Apparently the Sony Consumer Division had no knowledge about its new Bonsai UHF antennas which can be easily trimmed to any channel. That's because Bonsai, or more correctly Bonsai, is the Japanese art of tree dwarfing. I was expanding on the article from John Combs, and my apologies to George and anybody else who took that report seriously.

Robert Goodman wanted to clarify his statement in the 10-84 VUD that he meant to describe transmission space as private property, not public property. Plus a few more kind words about the FCC: "The Communications Edict now in force presumes the rf spectrum to be government property. The federal government thereby controls all wireless transmissions. Any freedom of speech they allow is merely a matter of governmental forbearance -- temporary relief from the regulation presumed to be government's right. But with private property there is no such presumption of government right."

I would like to bring up points at which I agree and disagree with Robert, and also invite more opinions from the club on the regulation/deregulation issue.

For one thing, there is definitely a presumption of government right over anybody's and everybody's private property, whether it be individuals or companies. It's called eminent domain, and without it there would be no highway system. Government also has the right of taxation and the right to take away property if taxes are withheld. Government also has the right to trespass on property for the purpose of law enforcement. Also, government has a limited right to tell you what you can and can't do with your property in the form of zoning ordinances. As for considering the radio spectrum private property, I have no objection to my neighbors claiming some radio spectrum as their own right and using that spectrum, as long as their property stays off my property. Unfortunately with radio waves, unless they build fences out of lead shields, they will have a hard time keeping their radio spectrum on their own land.

Most, if not all, of FCC rules could fall into three categories. One category would be the establishment of technical standards, such as the table of frequency allocations, NTSC color, frequency modulation, etc. The other category would deal with interference protection, hence we have the table of channel assignments, mileage separations, frequency offsets, power and antenna height limitations. These two categories are necessary and eliminating them would be tantamount to widening the Citizens Band from its present band to 10 kHz clear on up

into microwave frequencies. The third area, and an area in which I agree with Robert, is a broad area, and deals with responsibilities to the public. These rules cover the Fairness Doctrine, limits to a number of stations one person can own, limits to the stations that can be owned by newspaper interests, network control of affiliates, syndication rights by networks, overlap of coverage areas by two television stations partially owned by the same person, ascertainment of community interests, needs and problems, equal employment opportunity qualifications, local program origination, integration of station ownership and management, and many more.

Still on the 10/84 VUD, Larry G. Fuss has some corrections and additional information that wasn't available at the time. He confirmed that the Powley application for ch. 65 in Altoona, PA, was wrong, and said that Broadcasting magazine had the same mistake. That's probably because the got the same news release from the FCC, which put Powley's residence (Altoona) at proposed community of license, instead of Ashland, KY. I proceeded further and assumed he was applying for a station on the nearby Cumberland MD assignment, which was hot at the time. Larry mentioned that Cumberland MD is over 60 miles away from Altoona, and the FCC limits a community to within 15 miles of the community of assignment. The FCC had been reconsidering elimination of that 15 mile limitation some years ago, but upon looking back, I couldn't find any indication that that rule had actually been dropped. The Nederland TX application for ch. 21 in which I had a question mark was by Texas Gulf Communications Inc., which was seeking a reinstatement for their expired CP for KTGC. An application for ch. 52 in Albany GA was for Harold Yancey Edwards, not Harold Yancey. For other question marks, KLTJ, ch. 19 in Irving TX applied for 2985 kw max at 808' AAT; WCHI-TV applied to change to 100 kw at 1996 feet (Television Digest had 608' for that). In Vicksburg, MS, TV-35's application was for ch. 35, not 66.

On the list of old construction permits on page 45, Larry says that Sherman, OK, is really in Texas. No wonder I couldn't find it; Rand McNally moved it on me. Speaking of old construction permits, Larry adds, "The FCC just instituted a 'get tough' policy on CP holders who fail to build within the allotted time. Quite a few CP's have been cancelled lately...."

From Ed Kowalski: the general manager of WTVE, ch. 51 in Reading PA told him that they plan to increase their antenna height by 300 feet and increase their coverage into most of the city of Philadelphia. WTVE offers Selec-TV. WRBV, ch. 65 in Vineland, NJ plans to drop WHT and go on to Selec-TV also. I remember WTVE trying to gram some of WWSG-TV's customers when they switched from Selec-TV to local PRISM service.

I still have a few more letters to go, but it's late, so I'll save them for next month.

WESTERN TV-DX

Fred McCormack
Box 5221
State University Sta.
Pargo, ND 58105

December 1984

Deadline: 1-7-85

This month we can read of some more of the September tropo and also of some truly super tropo which occurred the last few days of October and the first few of November. The most distant logging was Jeff Kadet's of WCFE-57 at 915 miles for his personal distance record. Long tropo was also reported from New Mexico by Jim Pizzi.

Another notable event was an apparently widespread Es opening on October 16. William Eckberg in Illinois had Arizona and Florida simultaneously on channel 2 and Frank Aden in Idaho and Jim Pizzi in New Mexico also had good luck with the opening. In New Mexico the opening reached 107.9 MHz.

Once again, I want to urge all western DX'ers to send in their reports. I can't imagine that there is any member who would fail to report a 1000 mile UHF logging (for example), but I suspect that someone might, very well, not report his DX because it doesn't seem to compare favorably with some of the extraordinary loggings which are reported. Don't worry about that, it is still of interest as long as it is something which is unusual at your QTH.

Don't be reluctant to report a single logging, either. (Believe me, if I had one, I would report it!) I think it is important that we DX'ers try our best not to get caught up in a quest for numbers whether they be logging totals or distances (although, I don't want to belittle the importance of either). The fun is in the DX'ing and in making good solid ID's of what we catch and then accurately relating our observations to other DX'ers.

New _____ New Mode _____ Tent. - t Unidentified - unid S/On - + S/Off - =
ID Color Bars - @ Unid Color Bars - % IHTP - ¢ Misc. Test Patterns - &

Nathaniel Ely, 1237 East Johnson St., #2, Madison, WI 53703 (608)-257-5220

CDT

Equipment: Quantum 1110, C.M. 7' dish with 4990 preamp at 61', 70'/30' runs of .412/RG-11 cable, H-D 73 rotor. Winegard DA-405 post amplifier (when locals off the air), Channel Master 7206 "Hi Q" trap (UHF). Tower, QDMX MD-56 (free standing).

September 1984				October 1984			
14 tr 0054	WKEF	22 OH	350	19 tr 0540	WQMW	21 MI	180
0115	WUAB	43 OH	400		WQMW	27 MI	200
0116	WAKR	23 OH	415	0700	W4CAC	46 MI	230
0130	WDLI	17 OH	420		(Traverse Cty WQMU-14)		
0147	WXLIX	19 OH	375	2330	WQLN	54 PA	465
0150	WCPOT	9 OH		2335	CKCO3t	42 ON	
	(CBS Nightwatch)			2344	CBFT10t	48 ON	
19 tr 0304-0308	St. James MN			21 tr 0005	WKEF	22 OH	350
	xlrs 32, 48, 52,			0100	WKOI	43 IN	315
	and 54.		270		(Snow free)		
0407	K20AD 20 MN	315		0105	WXLIX	19 OH	375
	(Worthington KSTP- 5)			0120	WBTI	64 OH	375
				0447	WLKY	32 KY	400

My Zenith set died again after the 21st of September, and I was stuck trying to use the RCA 12" black and white for the rest of the month. I went for the electronic tuned model when I bought the RCA last month. Unfortunately, the varactor tuner overloads with cross modulation and also has a lot of "slop over" on adjacents. The sensitivity can't hold a candle to the big Zenith. To make matters worse, the tuner has no detent tuning and the dial is hopelessly inaccurate. One thing that I overlooked in the store was the fact that the set only tunes up to channel 69. I mention these things as a caution to other DX'ers - don't rush out in desperation and buy the first set that appears to be good. Take your time!! Future plan for the RCA is a marriage to a Teknika 6401.

William Eckberg, RR#4, Dixon, IL 61201 (Log at 427 with 6 new.)

CDT/CST

Equipment: Zenith b&w tube receiver, CM 1110 VHF antenna, CM 7' UHF parabolic with Winegard PA4975 preamplifier on a 30' tower.

October 1984				October 1984			
15 tr 0530	WRGT	45 OH	298	18 tr 0130	CKCO	13 ON	461
16 Es 2000	KNAX	2 AZ	1258	0525	WGVK	52 MI	199
	WESH	2 FL	983	25 tr 0453	WAKR	23 OH	404
				0455	WTTT	28 OH	350

Western TV DX

December 1984

Frank Aden Jr., P.O. Box 2082, Boise, ID 83706

MDT?

We had an unusual Es opening here on October 16; the first time I have seen Es in October. At about 1700, I noticed venetian blinds on local channel two, KBCI. I did not see anything on higher channels, so I paid little attention. At 1950, I found KENW, channel three, solid; and strong interference on channels two and four. At 2000, the interference was so strong that local DX'er Bruce Bacon (lives in a shadow area of KBCI) was able to ID XEPM through KBCI. We also saw KXTX, channel five, and a unid on channel six.

The opening went up to channel six for about an hour and was very intense, though I did not notice any FM skip. It died out about 2200. I am very curious to see if a major solar flare had occurred, but have not yet heard anything.

I was using an RCA 19 inch color TV with rabbit ears. 73, Frank

Jeff Kadet, Box 20, Macomb, IL 61455 (309)-833-1809

CDT/CST

Equipment: Zenith N1310 color, Channel Master 1110 with CP 3800 preamp, RG-11 at 50', Channel Master 7' dish with PA 4975 preamp, .500 cable at 55'

October 1984				October 1984			
4 tr 0931	K46AA	46 MN	315	28 tr 1847	CKCO42	42 ON	460
	(St. James KTC-2)				CBFT8	61 ON	550
0935	K50AB	50 MN	315		CITY	57 ON	610
	(St. James KAAL-6)			1859	WGVK	52 MI	280
Also St James	48,52,54			1910	CBFT9	40 ON	505
1000	Lexington U's			1926	CBFT	54 ON	410
	(Snow free)			1929	CIC059	59 ON	455
18 tr 0210	&CII122	22 ON	625	1938	K66BV	66 MI	405
	(Global TP brfly over WSBT)				(Detroit SIN)		
0230	CBFT9t	40 ON		1958	WCFE	57 NY	915
20 tr 0607	W55AS	55 WI	225	2017	WBKZ	63 IN	300
	(Milwaukee WCIU-26)			2030	CIC032	32 ON	410
	(Before WRSP s/on)			2052	WCGN	52 OH	415
27 tr 0600	Huntsville U's			2331	WUTV	29 NY	620
	in weakly.			2351	WSEE	35 PA	555
28 tr 1845	CII129	29 ON	460	29 tr 0000	&CIC028	28 ON	550
					(TVO TP)		
				0102	&CFMT	47 ON	610

October started out with a whimper and ended with a bang. WCFE-57 was a real shocker, and it is my furthest tropo catch. I had the tape recorder rolling, ready to get an ID from CITY on the hour. But instead, WCFE came rolling out of oblivion and topped the channel for about a minute and a half. The station president was asking for donations to pay for expenses to increase the power at their new antenna site. I sent him a copy of the tape and told him that the current power is getting out just fine.

This opening was so intense that WXON-20 was topping WICS. Two stations which I had completely written off in the past made it through - K66BV very briefly over WFBN and CIC032 which topped WFLD for about half an hour.

The only other news is that the UHF tuner in the Zenith needs to be replaced. The fine tuning knob is practically immobile due to internal plastic and metal fatigue. A new one is on order. In the meantime, I've been relying more than usual on the AFC.

Total is now at 489. 73.

William Draeb, Ellis St., Rt. #2, Kewaunee, WI 54216

CDT

Equipment: 7' Finco dish, B-T CMA-Ub preamp @ 93', .750 cable. Stacked Finco high band yagis with B-T AB-3 (tube type) preamp @ 100' with RG/11 cable. Second tower, 40', with Winegard CH-4026 (lo-band) and Winegard SC713 (hi-band) yagis. Hi-band uses AB-300 preamp. Zenith 14N22 table model 23" b&w (1971) with B-T BTU-2s UHF converter (used for UHF and also the stacked hi-band yagis) and Zenith 16J20 19" b&w (early 60's) (used with antennas on 40' tower), and Panasonic 9" b&w portable.

October 1984				October 1984			
2 gw 1935	WGVK	52 MI		5 tr 2022	WCGN	52 OH	321
	(// WGVK-35)				(Fund raiser to raise power)		
5 tr 2022	WTTT	28 OH	395	2302	WCET	48 OH	400
	WGSU	34 OH	395	2308	WNEO	45 OH	405
	(Snow free)			11 tr 0500	CKGN22	22 ON	413
				0708	WUTV	29 NY	445

Western TV DX

December 1984

William Draeb (continued)

11 tr 1915	WPCB	40 PA	480	11 tr 2053	CKGN22	22 ON	413	12 tr 1928	WJET	24 PA	405
	WPTT	22 PA	480	2115	CICAT	19 ON		14 tr 0658	WUTV	29 NY	445
1920	WYTV	33 OH	420		CFMT	47 ON	410		CFMT	47 ON	410
	WNEO	45 OH	405	2210	WDLI	17 OH	395	0714	WUHF	31 NY	500
	WOIO	19 OH	355	2313	WITE	28 OH	395		CKGN22	22 ON	413
1944	WQEX	16 PA	480	12 tr 0250	WDLI	17 OH	395	0744	CICA	19 ON	410
	WNEP	16 PA	630		OCFTO	9 ON	410	1900	UHF system inop-		
1950	WBRE	28 PA	630	0800	WPGH	53 PA	480		unid channel 2		
2026	WENY	36 NY	575		WNEO	45 OH	405	16 Es 1942	unid channel 2		
2036	W58AM	58 OH	420	1912	WSEE	35 PA	405	20	1500	UHF system fixed	
(Youngstown)	WNEO-45)				WUTV	29 NY	445	23 Es 1900	unids chs 2-4 s		

I saw "Star Trek" again on channel 19 on the 11th at 1920. It turned out to be channel 19 in Cleveland (licensed to Shaker Heights, fm). I called the station to get a confirmation on what I saw, only to be confronted with an answering service for the station. She said someone would call be back (which never happened). She didn't know anything about their programming.

On local news, WLRE-26 is up for sale. They're \$6.7 million in the red, and the Newman Company (which is an investment and securities company) sold \$10 million worth of unregistered securities to over 500 people to cover the operating costs of the station. They own 85% of the station and the asking price is \$12.6 million.

WGVK-52 is another new one which came on recently. They are pretty weak under average conditions and seldom snow free. Their ERP is 44 kW at 414 feet.

73's, Bill

Jim Pizzi, P.O. Box 1778, Lovington, NM 88260 (505)-396-3251

MDT/MST

Equipment: Tri-Ex MW-65' Tower - @ 65', 10 element Antennacraft (hor) into Akai AT-V04 and JVC VT700 with Jerrold FM de-snowing; @ 68', Finco P-7 UHF dish with Eu-4s preamp into Sony 8" b&w or Motorola 19" color; @ 72', Winegard CH-7023 (10 elements, chs 7-13) with Winegard AC-9730 preamp into Motorola 19" color. 35 Foot Tower - @ 35', Winegard CH-4054 with Winegard A-215 in house tube amp into Motorola 19" color; @ 38', CM 4250 6' UHF with Eu-4s preamp into 12" Emerson b&w. 20', 10 element channel 2 with Winegard AC-9260 preamp (channels 2-6); 35', CM-1110 with Winegard AC-9990 preamp on 20' push up on garage roof; Channel 2 and FM vertical on 20' push up; Winegard CH-4054 on 10' mast; 25, 10 element Antennacraft FM (vert) into JVC VT900; 13, Winegard CH-4052 with Winegard AC-9260 preamp (chs 2-6).

September 1984

6 Es 0934	KCBS	2 CA	855	10 tr 0900	K29##	29 TX	216	2 tr 0017	KHTV	39 TX	515
1000	KCRA	3 CA	1071		(Wellington)	KAMR-4)			(Above again @ 2130)		
1012	KTVU	2 CA	1116		KSNF	16 MO	576	2200	KMTC	27 MO	635
1050	KCRLt	4 NV		0901	K31##	31 TX	216	2210	KOKI	23 OK	473
1059	KTVN	2 NV	1008		(Wellington)	KVII-7)		2220	KLPAT	25 LA	+kHz
	KRON	4 CA	1116	0903	K19AA	19 OK	252		WLAEt	32 LA	+kHz
8 Es 1759	WSJK	2 TN	1170		(Altus)	KWET-12)		2231	=KLTS	24 LA	PBS
1857	KDLHt	3 MN		0911	K33##	33 TX	216	2245	KHBS	40 MO	510
1900	CBWFTt	3 MI			(Wellington)	KFDA-10)			(S/off 2330, then		
1902	WLUCT	6 MI		0917	OKC	14,25,43	380		unid full CB's)		
1908	unids	ch 5 n-ne			(Snow free)			2303	KSNF	16 MO	576
1911	KGRF	2 ND	1058	0920	OKEDT	16 TX	505	2305	KPOM	24 MO	540
1920	KTCA	2 MN	968	0922	KRIV	26 TX	515	3 tr 1030	KQCT	41 OK	473
1952	KXJB	4 ND	990	0925	Tulsa	23, 41	473	8 tr 0016-0052	XEWt	2 DF	
2003	unid	ch 5 n	NBC		(Snow free @ 1000)			1815	KCBS	2 CA	855
2004	KBME	3 ND		0928	K43##	43 TX?		1816	KEYT	3 CA	945
2029	KFYR	5 ND	927		(Unknown)	KAMR-4)			KNBC	4 CA	855
2030	KNDXt	2 ND	CBS	Es 2000	KCBS	2 CA	855	11 tr 0200	K57BR	57 NM	152
9 tr 0900	KRIV	26 TX	515		KEYT	3 CA	945		(Montoya)	KOAT-7)	
	KHTV	39 TX	515	2002	KNBC	4 CA	855		K59BD	59 NM	152
	KNCT	46 TX	368	15 Es 1607	unid	ch 2 Mexico			(Montoya)	KCGM-13)	
0925	KAVU	25 TX	468	21 Es 1745	unid	ch 2 XEW			(Near snow free)		
0929	KCEB	6 TX	368		1825	unid	ch 3 Mexico	0230	K74BO	74 NM	123
1000	KWEX	41 TX	380	29 tr 2352	KCHF	11 NM	264		(Forrest)	KOAT-7)	
Es 1432-1455	unids-ch 2-6			30 tr 0730	KIDY	6 TX	396	0213	K67##	67 NM?	
	northeast, east								(Unknown)	KOAT-7)	
1902	unid	ch 2	ABC						(Not K67CS)		
2002	KTVI	2 MO	824	October 1984				Es 1040	unid	ch 2 e	ABC
				2 tr 0009	KTXH	20 TX	515	13 Es 1136-50	unid	ch 2	ne
				0011	KRIV	26 TX	515				

Western TV DX

December 1984

Jim Pizzi (continued)

15 Es 1900	WFMY	2 NC	1350	31 tr 2342	K76BD	76 TX	305
16 Es 1439	unids	2-5 wnw			(Booker)	KVII-7)	
1500	KCRL	4 NV	1008	2343	K78BI	78 TX	305
	KOBI	5 OR	1224		(Booker)	KAMR-4)	
	KTNT	2 NV	CBS	2347	K80AY	80 TX	305
2029	KOABT	3 OR	+kHz		(Booker)	KFDA-10)	
2056	KOTI	2 OR	1170	2349	K74CH	74 TX	196
2100	KOBI	5 OR	1224		(Carey)	KFDA-10)	
2102	KPCT	4 OR	+kHz	2351	K72BZ	72 TX	196
17 tr 0830	Houston U's	515			(Carey)	KVII-7)	
20 Es 2236	WBMT	2 IL		2353	K70DA	70 TX	196
2238	unid	channel 2			(Carey)	KAMR-4)	
	(ms induced)						
2259	KTCA	2 MN					
22 Es 1647-1810	XHPMT	2 TRM					
28 Es 1723	WESH	2 FL	1346				
	WJXT	4 FL					
	WEDU	3 FL	1300				
1800	WBRZ	2 LA	743				
29 tr 2035	KSNF	16 MO	576				
2036	KSPR	33 MO	635				
2049	KLTJ	49 TX	368				
2106	WFAA	8 TX	368				
	(Under KSWS)						
2256	Childress	196					
2307	Wellington	216					
2312	Memphis	200					
	(Above three are						
	Texas translator						
	groups)						
2313	K44AK	44 TX	200				
	(Estelline)	KOKH-25)					
30 tr 0814	K19AA	19 OK	252				
0820	KAVU	25 TX	468				
0824	KEDT	16 TX	505				
0828	KXIX	19 TX	468				
0830	Houston U's	515					
	(Again @ 1645)						
1615	Austin U's	377					
	KNCT	46 TX	368				
1638	KAMU	15 TX	441				
1720	unid	ch 34 ese					
	(WTVX-34??)						
1725	KLTLt	18 LA					
1737	KIDZ	24 TX	282				
2008	KACB	3 TX	196				
	(Rare)						
31 tr 0130	KWTV	9 OK	380				
0131	OKC	14, 25	380				
2051	K16AB	16 OK	273				
	(Guymon)	KWET-12)					
2052	K53BE	53 OK	273				
	(Guymon)	TBN)					
	(Abv 2 near snow free)						
2054	K58AC	58 TX	249				
	(Texhoma)	KAMR-4)					
2055	K60AG	60 TX	249				
	(Texhoma)	KVII-7)					
2100	K62AZ	62 TX	249				
	(Texhoma)	KFDA-10)					
2104	K30AE	30 OK	370				
	(Alva)	KETA-13)					
2106	K24##	24 ??					
	(Unknown)	KVII-7)					

1 tr 0247	K55BQ	55 OK	240
	(Hollis Country Mx TV)		
0249	K57BB	57 OK	240
	(Hollis)	KWTV-9)	
0404	K60##	60 OK?	
	(Unknown)	KOKH-25)	
2 tr 1958	Houston U's	515	
2000	KLPB	24 LA	684
2003	KEDT	16 TX	505
	(S/off @ 2302. Visual		
	1480 kW max. Listed		
	as 3160 kW maximum.)		
2012	KAVU	25 TX	468
	(S/off @ 2400)		
2132	=KNCT	46 TX	368
2135	D-FW U's	368	
	(Snow free)		
2146	KAMU	15 TX	441
	KADNt	15 LA	
	(CCI under KAMU)		
2151	KLTLt	18 LA	
	(CCI under KLRU)		
2155	K45##	45 TX	
	(Unknown)	SIN)	
2222	KLPA	25 LA	644
	(S/off @ 2230)		
2232	KLAX	31 LA	644
2245	WRETt	33 LA	
	(20kHz to KRLD)		
2250	WAPTt	16 MS	
	(OkHz to KEDT)		
2353	Strong City	38,40	
	and 42.	300	
	(Under Memphis)		
	KOKI	23 OK	473
2400	=KVEO	23 TX	576
3 tr 0002	X---	34	285
	(Ciudad Acuna)		
0005	X---	46	325
	(Piedras Negras)		
0038	KSNFt	16 MO	
0039	KLRT	16 AR	644
	(S/off @ 0227)		
0042	@K18AL	18 TX	441
	(Sulphur Springs LPTV)		
	(The Local Difference)		
0108	=KLAX	31 LA	644
0113	WXVTt	15 MS	
0139	Houston	11,13	515
0141	=KSAT	12 TX	380
0146	WICSt	20 IL	
	(10kHz to KTXH)		
0150	WTVWt	9 MS	
	(OkHz to KWTV)		
0158	WXIXt	19 OH	
0802	KOZK	21 MO	635
	(OkHz to KTXA)		
	KMTC	27 MO	635
	(OkHz to KDFI)		
0804	KSPR	33 MO	635
	(10kHz to KRLD)		
0805	KYFC	50 MO	630
	KSHB	41 MO	630
0828	KLRT	16 AR	644
0830	KSNF	16 MO	576
0843	K15##	45 TX	
2830	Houston U's	515	

November 1984

1 tr	0014	<u>K26##</u>	26 OK?	
		(Unknown	KVII- 7)	
	0035	<u>K36##</u>	36 ??	
		(Unknown	KGMC-34)	
		(Snow free @ 0114)		
	0036	<u>K19##</u>	19 ??	
		(Unknown	CBS/KWTV?)	
	0040	K40AG	40 OK	300
		(Strong City	KWTV- 9)	
	0041	K42AG	42 OK	300
		(Strong City	KOKH-25)	
		(Above 2 over Memphis)		
	0042	<u>K39##</u>	39 ??	
		(Unknown	KVII- 7)	
	0044	<u>K33##</u>	33 TX	216
	0045	<u>K31##</u>	31 TX	216
		<u>K44##</u>	44 OK?	
		(Unknown	CCI only)	
		(20kHz to K44AK)		
	0104	<u>K29##</u>	29 TX	216
		(With ms burst-		
		ing. Ch4 input)		
	0111	<u>K31##</u>	31 TX	216
		(KVII-7 s/off,		
		then w/KFDA-10)		
	0114	<u>KSNW</u>	3 KS	461
	0130	<u>K36##</u>	36 ??	
		(KGMC-34 s/off)		
	0144	<u>KSNF</u>	16 MO	576
	0150	<u>K41##</u>	41 ??	
		(Unknown	KFDA-10)	
	0152	<u>K48##</u>	48 OK?	
		(Unknown	KWTV- 9)	
	0153	<u>K50AL</u>	50 TX	196
		(Childress	KFDA-10)	
	0201	<u>K68##</u>	68 OK?	
		(Unknown	KWTV- 9)	
	0204	<u>K82AK</u>	82 TX	
		(Miami	KFDA-10)	
	0205	<u>K72CB</u>	72 OK	
		(Arnett	KFDA-10)	
	0206	<u>K76Ant</u>	76 TX	
		(Turkey	KFDA-10)	
	0221	<u>K18AMt</u>	18 OK	
		(Country Music TV)		
	0223	<u>K62##</u>	62 OK?	
		(Unknown	KOKH-25)	
	0226	<u>K58##</u>	58 TX	
		(Turkey	KFDA-10)	
ms	0232	unid ch 7	ne	
tr	0245	<u>K53AV</u>	53 OK	240
		(Hollis	KOKH-25)	

Jim Pizzi (continued)

conditions, but Tulsa 23 and 44 still steady and near snow free. Oklahoma City and Tulsa on the same heading! Vertical layer ducting?

Re 9-10-84 @ 0900-1030: Childress, TX (channels 46, 48, and 50) at 196 miles; Memphis, TX (channels 38, 40, and 42) at 200 miles; Clarendon, TX (channels 47, 49, and 51) at 195 miles; and K44AK, Estelline, TX (with KOKH-25) at 200 miles.

October 16 Es was from 1900 to 2100 into FM - where I spent most of the time, and MUF was to 107.9 - a nice surprise.

KTXS-12, Sweetwater, Texas now ID's most all of the time as "K-Texas".

Trops on October 31 - November 1 were very good. Most translators reached snow free levels at times. Another bunch of translators from Oklahoma and Texas panhandle area and no idea of location!

November 2 and 3 trops were the best so far. K18AL was a surprise, but with 38.5 kW erp and 500' agl, not really LPTV. KLRT-16 never got too strong and had some trouble with KSNF-16 CCI. Some interesting unids on channels 9, 19, and 20, but who knows from where? Kansas City channels 41 and 50 were quite strong.

Jeff Kadet called Saturday morning (11-3) to say he had KTAB-32 in color and I heard him ID KRIV-26 and KXTX-39 over the phone. But I had nothing at that time! Rats - just a little too far west for some great UHF ducting. Oh well, my turn will come, I hope! I think Jeff's location rivals Bob Seybold's mountain top QTH. I predict Jeff will have the best and most VHF, UHF, and FM loggings ever in a few years. Congratulations to Jeff on his fantastic loggings.

(Jim, you sure pulled in a bunch of mysteries this time! I tried to find some likely explanations for the unidentified translator loggings, but didn't find much. I do, however, have some suspicions (mainly for the Oklahomans). How about K36AJ, a permittee at Strong City, OK, for your unid with KQMC-34? There is a new permit at Elk City, OK for K44AP to carry KOKH-25. Could this be your CCI to Estelline, TX? It seems to me that your KWTU on channel 48 would be K48AP, a CP at Elk City, OK. I believe this translator is feeding KWTU to Erick, OK for K68AU and then on down to Hollis, OK for K57BB. This may explain your logging KWTU on channel 68 and is consistent with your previous report of KWTU on channel 57. I also suspect that KOKH-25 is being moved down the same route from K44AP and could explain some of your mystery KOKH loggings. Maybe K62BQ at Erick carries KOKH-25? What do you think? Can any Oklahoma DX'ers help? I think your SIN on channel 45 is not Austin, but is K45AK, a CP at Rosenberg. It is around 500 miles from you, but it is on the Austin path and is to carry SIN programming. fm)

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TV-QSLs

Waterbury, % 24 Summit St. Hartford, CT 06106. Letter & id logo slide from John W. Kean, VP of Eng. Operations.

My report was not received, & they were delighted with it! Yingling

WTIC 61 Hartford, One Corporate Center, 06103. Letter, coverage-map & schedule from Arnold L. Chase, Pres. who says my report is the farthest we have received to date. 1 week for reply. Yingling

NC WPCQ 36 Charlotte, P.O. Box 188665, zip 28218. Letter from Jon Kennerly, Transmitter Supervisor. Reply in 1 week thanks to address from Roy Barstow, Teaticket, MA. Yingling (12 days for Barstow)

PA WSEE 35 Erie, 1220 Peach St., 16501. Letter from Jim Penna, CE. Yingling
WPAT 19 Johnstown, P.O. Box 19, 15907-0019. Letter, & schedule from Timothy Crosby, General Manager, who says his staff are always excited to hear about the reception of their signal in far away places. One letter from a gentleman in Akron, NY (Dave Nieman) was receiving us with similar equipment as mine. Yingling

WTOG
Television

44

One of America's Top Independent Television Stations

October 2, 1984

Mr. Roy Barstow
P.O. Box 4887
Tea Ticket, Ma. 02536

Dear Mr. Barstow:

This is to verify that on Sunday, September 23, 1984, you did indeed receive and record independent station WTOG-TV 44.

Channel 44 operates at an effective radiating power (ERP) of 1,950 kilowatts. WTOG's Studios are located at 365 - 105th Terrace, N.E. in St. Petersburg, FL., with the transmitter located about 26 miles east in Riverview, FL. In addition to our primary coverage, we also operate 5 translators, which extend our coverage throughout Florida.

Good luck to you and your locating distant stations and we appreciate your interest in WTOG. If we can be of any further assistance please feel free to contact us.

14 Es 2200 Unids on ch.2	to 0800 SC 15,35	10 11 0027, Pittsburg 40, 53
19 Es 0135 Unid-3; NBC	WAWS-30 FL 653	0610 WKEN-27 OH 238
0147 WCIA-3 IL	Jacksonville	0645 WJPM-33 SC 358
Champaign	weak to fair	to 0730 Harrisburg 27,33
Tr 0648 PA chs.15,43	WMDT-47 MD	to 0800 W35AB PA
0710 NC chs.19,22	with zero cci	WUNL-26 NC 263
0815 NC 25,39,40	0805 WJWJ-16 SC t	Charlotte 18,36
Es 1126 muf to 88.1;	0823 WVGA-44 GA 660	WXTV-41 NY 196
no Es on chs.5 & 6	Valdosta; fair	Unid-33; LPTV
1130 WESH-2 FL	0824 Unid-33; LPTV?	STV; movie (west-ern)
1230 WDSU-6 LA	country music videos	0825 W59AT NY
New Orleans	8 Tr 0603 PA 15,21,33,28	0857 WLXI-61 NC
Unid-6; NBC	to 0610 NC 22,28,48	0858 WGGT-48 NC
1244 WMAB-2 MS t	Es 2000 WPBT-2 FL	0900 Durham 11,22,28
1257 Unid-3; CBS	2010 muf ch.4	Unid-19; s/off
1300 NTBS-3 LA t	Tr 2200 WNET-13 NY t	WAKH-23 OH t
WBRZ-2 LA t	9 Tr 0325 WABC-7 NY 200	12 Tr 0030 W25AA xltng
1342 KPHC-2 TX t	WOR-9 NY "	WROC on ch.26.
1400 muf to 88.1	to WHP-21 PA	13 Tr 0027 WAKR-23 OH 278
1550 KJRH-2 OK t	0330 WGAN-8 PA	WABN-27 OH 238
1830 Cuba ch.2 t	0705 WSNL-67 NY 234	0100 W25AA xltng
1910 Cuba ch.3 t	0729 W59AT NY	WLYH-15.
Cuba ch.4	Plainview;	Es 1930 WPBT-2 FL
1929 WPBT-2 FL	music videos	WBDU-3 FL
2100 Fade out	WPPT-51 VA	1946 Unid-6

EASTERN TV-DX

William J. Draeb
Ellis St. R.R.#2
Kewaunee WI
54216

December 1984

Roy Barstow: P.O. Box 488-T, Teaticket MA 02536 (617)-548-2329 EDT

Oct. 1984	Oct. 1984	Oct. 1984	Oct. 1984
8 Tr 1300 WSNL-67 NY 140	10 Tr 2130 WRLH-35 VA 450	13 Tr 0700 WCPB-28 MD 340	13 Tr 0700 WCPB-28 MD 340
WRBV-65 NJ 270	WBFF-45 MD 350	to WBOC-16 MD "	to WBOC-16 MD "
1315 WMDT-47 MD 340	2145 WMDT-47 MD 340	0730 WHRO-15 VA 440	0730 WHRO-15 VA 440
W44AD(WTKR)380	W59AT NY	1500 WERE-28 PA 270	1500 WERE-28 PA 270
W44AC(WAVY) "	2200 WTKK-66 VA 410	WNEP-16 PA "	WNEP-16 PA "
WMGM-40 NJ 285	2300 WVC-56 VA 385	1530 WTTA-41 VT 160	1530 WTTA-41 VT 160
1330 WTVZ-33 VA 440		WETK-33 VT 240	WETK-33 VT 240
WCPB-28 MD 340		to WNNB-31 NH 170	to WNNB-31 NH 170
WYAH-27 VA 450		WVNY-22 VT 240	WVNY-22 VT 240
WBOC-16 MD 340	11 Tr 0100 WTAF-29 PA 260	WCAV-3 VT "	WCAV-3 VT "
WHRO-15 VA 440	WVIR-29 VA 480	1630 WMTW-8 ME 190	1630 WMTW-8 ME 190
1335 W6MAL(WVEC)380	WLFL-22 NC 585	2230 WLYH-15 PA 320	2230 WLYH-15 PA 320
2300 WRLH-35 VA 450	12 Tr 2200 WHRO-15 VA 440	WLVT-39 PA 260	WLVT-39 PA 260
9 Tr Semi-locals + NH 9,	WBOC-16 MD 340	to WDAU-22 PA 270	to WDAU-22 PA 270
21, 50 in good.	13 Tr 0600 WPMT-43 PA "	WVIA-44 PA "	WVIA-44 PA "
10 Tr 2100 WHRO-15 VA 440	WRLH-35 VA 450	2330 WITF-33 PA 325	2330 WITF-33 PA 325
WBOC-16 MD 340	WTVZ-33 VA 440	14 Tr 0030 WCCB-49 PA	14 Tr 0030 WCCB-49 PA
WVNY-22 VT 240	WBFF-45 MD 350	s/off	s/off
WWLP-22 MA 110	0658 WVNY-22 VT 240	0140 WXXA-23 NY 180	0140 WXXA-23 NY 180
WAPB-22 MD 360	sign on.	0740 WKTV-2 NY 260	0740 WKTV-2 NY 260
2115 WCPB-28 MD 340	0700 WWBT-12 VA 455	0750 WCBW-10 ME 195	0750 WCBW-10 ME 195
2130 WTVZ-33 VA 440	WAPB-22 MD 360	bullseye TP	bullseye TP

Oct. 1984	Oct. 1984	Oct. 1984
15,16,17,18,19 semi-locals.	21 0030 WBOC-16 MD 340	21 Tr 0100 WPMT-43 PA 340
20 Tr 2100 WBFF-45 MD 350	Tr 0100 WVIA-44 PA 270	0130 WMDT-47 MD "
21 Tr 0030 WNEP-16 PA 270	WPMT-43 PA 340	22,23,24,25,26,27,28 semi's.

Well, after walking through GA and ending up on the west coast of FL last month this month has cooled down. Odd, the weather here has been warm(Indian Summer) with hurricane Josephine preventing much reception down the coastline. At times good reception during the day but didn't pan out at night. Maybe, more good openings before the winter doldrums. Still need KY and WV. Wonder what mode will bring them in! Anyone from that area picking up RI or eastern MA give me a call collect anytime. Verles back from WKFT-40, WGGT-48, WPCQ-36, WLTN-19, WCCB-18, WEEA-14, WRDW-12. WTSB-31. WTOG-44. Totals now 300 +.

Eastern TV-DX

Gerald H. Barkow: 29 Sedgefield Drive, Morris Plains NJ 07950 EDT

Well, this past Es season was a real disaster. I cannot evaluate the entire season as I was not available for DXing during the months of May. However, the June thru August period was the poorest I've seen in this area in my 25 years experience in TV DXing. Openings were very infrequent and generally of short duration and low intensity, with only two openings making it up to ch.6.

June 1984

12 Es 2030 WPBT-2 FL	2100 WESH-2 FL
13 Es 1800 WPBT-2 FL	2000 Cuba ch.3
16 Es 1600 Unid-2; NBC	21 Es 1828 WEDU-3 FL
21 Es 1830 Unid-3; ABC	

June 1984

21 Es 1900 Unid-6; CBS	9 Es 2120 Unid-2; ABC
	2200 WPBT-2 FL
	26 Es 1800 WPBT-2 FL

July 1984

26 Es 1921 KTBS-3 LA	29 Es 1140 Cuba ch.3
1928 WREG-3 TN	
2000 WSIL-3 IL	

August 1984

6 Es 2010 Unid-2; ABC	
-----------------------	--

Jeff Wolf: 1131 University Blvd. W., Apt. 701, Silver Spring MD 20902 EDT

WTVX-34 FL should have been marked tentative in my last report (May VUD). I saw WAWs-30 once before. This time (6/7) I I.D.ed it. Their signal came in weak to fair and went into complete fades at times. WVGA-44 was a little stronger and didn't fade as much. I don't know the location or identity of that LPTV on ch.33. It was in when the NC and SC stations were in. The only LPTV on that channel that I'm aware of is W33AD in Concord VA. However, I have no idea if they're on, or what the programming is.

April 1984

30 Tr 2245 WJTM-45 NC 273	2300 Fade out
---------------------------	---------------

May 1984

20 Tr 0730 NC 19,25,40	to 0800 WCTI-12 NC
Es 2010 Unid-2; ABC	24 Tr 0030 PA 15,27,43
	W25AA xltng
	to WLYH-15.
	WBOC-16 MD on
	0115 ch.26.
	to 0130 PA 21,39
	to 0205
26 Tr 0629 Durham NC 11	22,28.
	0639 WKFT-40 NC
	WCTI-12 NC

May 1984

1 Tr 0000 WGGT-48 NC	0035 Fade out
0100 Durham NC 22,28	
5 Es 1345 Unid-2	2105 WPBT-2 FL t
	2139 WESH-2 FL t
	KJRH-2 OK t
6 Es 1200 KLTN-3 NE	KMTV-3 NE 950
	1300 muf to ch.5
	KUSD-2 SD 1050
	1530 KJRH-2 OK t
12 Es 1300 muf to ch.4	1410 KTBS-3 LA t
	Unid-3; CBS
13 Es 1630 Unid-2; ABC	1850 Unid-2; NBC
	2200 Unids on ch.2
14 Es 2200 Unids on ch.2	0135 Unid-3; NBC
19 Es 0147 WCIA-3 IL	Champaign
	Tr 0648 PA chs.15,43
	0710 NC chs.19,22
	0815 NC 25,39,40
Es 1126 muf to 88.1;	no Es on chs.5 & 6
1130 WESH-2 FL	1230 WDSU-6 LA
	New Orleans
	Unid-6; NBC
1244 WMAZ-2 MS t	1257 Unid-3; CBS
1300 KTBS-3 LA t	WBRZ-2 LA t
	1342 KPHC-2 TX t
	1400 muf to 88.1
	1550 KJRH-2 OK t
	1830 Cuba ch.2 t
	1910 Cuba ch.3 t
	Cuba ch.4
1929 WPBT-2 FL	2100 Fade out

June 1984

4 Es 2004 muf to ch.4	Unid-3; CBS
7 Tr 0725 WUNJ-39 NC 336	cci from WLVT.
	NC 19,25
to 0750 SC 15,35	WAWs-30 FL 653
	Jacksonville
	weak to fair
	WMDT-47 MD
	with zero cci
	0805 WJWJ-16 SC t
	0823 WVGA-44 GA 660
	Valdosta; fair
	0824 Unid-3; LPTV?
	country music videos
8 Tr 0603 PA 15,21,33,28	to 0610 NC 22,28,48
Es 2000 WPBT-2 FL	2010 muf ch.4
Tr 2200 WNET-13 NY t	9 Tr 0325 WABC-7 NY 200
	WOR-9 NY "
	to WHP-21 PA
	0330 WGAL-8 PA
	0705 WSNL-67 NY 234
	0729 W59AT NY
	Plainview;
	music videos
	WPTT-51 VA

June 1984

9 Tr 0730 WLXI-61 NC 259	Greensboro.
0735 W58AO MA 380	Dennis
	I.D. 3/4 cb;fair
0754 NC 19,40	to SC 23,30
0800 W61AN DE t	WEDN-53 CT t
0805 NC 25,39,40,58;	Durham 11,22,28;
	Charlotte 18,36.
	WPDE-15 SC
	WJPM-33 SC t
0816 Unid-3;LPTV,STV	0830 WDPB-64 DE
	WRLH-35 VA
	local quality
0927 WGGT-48 NC	1030 WCTI-12 NC
10 Tr 0545 Pittsburgh 40,53	0610 WKBN-27 OH 238
	0645 WJPM-33 SC 358
	to 0730 Harrisburg 27,33
	to 0800 W35AB PA
	WUNL-26 NC 263
	Charlotte 18,36
	WXTV-41 NY 196
	Unid-33; LPTV
	STV;movie(west-ern)
0825 W59AT NY	0857 WLXI-61 NC
	0858 WGGT-48 NC
	0900 Durham 11,22,28
11 Tr 0026 Unid-19; s/off	WAKH-23 OH t
12 Tr 0030 W25AA xltng	WBOC on ch.26.
	WAKR-23 OH 278
13 Tr 0027 W25AA xltng	WKEN-27 OH 238
	0100 WLYH-15.
Es 1930 WPBT-2 FL	1946 Unid-6

June 1984	July 1984	July 1984
13 Es 1957 Fade out	4 Tr 0655 Harrisburg,	11 Tr 0200 WCTI-12 NC
21 Es 1858 Unid-4; NBC	York PA U's	26 Es 1830 KQTV-2 MO
o/WRC	to WLYH-15, WTV-51	1915 KJRH-2 OK
1900 WLBT-3 MS	WGGT-48 NC	2003 Unid-3; NBC
1901 KATC-3 LA 1000	0705 WTVK-26 TN t	2200 Unid-2
1914 Unid-6 TX?	o/cc1 to WETA	
1919 " ; PBS	0710 Charlotte 18,36	August 1984
1933 WABG-6 MS t	0725 NYC chs.41,47	3 Tr 2350 WLVT-39 PA
1947 muf 88.1	0727 WLFL-22 NC	4 Tr 0650 WERE-28 PA 160
1954 two unids ch.6	0815 WWH-68 MJ 192	5 Tr 0900 WRDG-16 NC t
2009 Unid-2; CBS	WLVT-39 PA 136	2320 WERE-28 PA
2023 " ; "	to WNET-13 NY t	6 Es 1950 KJRH-2 OK 1000
28 Ls 1830 WPCQ-36 NC 332	WEDH-24, WEDN-53 t	2020 Unid-2; French
many bursts	0820 WVIT-30 CT 283	7 Tr 0050 Unid-33; LPTV, STV
	0910 WNEP-16 PA 160	NC chs.22, 40.
July 1984	9 Es 1930 KJRH-2 OK t	0630 WRDG-16 NC t
1 Es 0930 Unids-2,3.	10 Tr 2155 NC 19,25,40	Es 0800 KJRH-2 OK t
1900 KJRH-2 OK t	to 2215	Tr 0833 WPDE-15 SC
4 Tr 0650 WTVK-26 TN t	11 Tr 0030 WPDE-15 SC	0838 WQSE-43 SC 366
Unid-25; o/WHAQ	WBTW-13 SC	Myrtle Beach
W35AB PA	WLFL-22 NC	WUNJ-39 NC 336
0655 WNYC-31 NY 200	0100 Unid-33; LPTV	

Bob Seybold; Bennett Road, Dunkirk NY

Sept. 8 Tr A.M. - WFAT-19, WDLI-17, WKMR-38, WBAK-38, WTAP-15, WSFJ-51, WUHQ-41, CHOT-40; also Dayton, Columbus Springfield(OH), Indianapolis, Cincinnati, WTVQ-36, WKGB-53, Ft. Wayne, WGRB-34, W41--(Morgantown WV) xltr. Evening tropes super to ENE; WHED-15(rare), CIVQ-15, CIVM-17, WMHT-17, Watertown, Elmira, Norwood, Scranton, Binghamton, real strong; WHCT-18, WCDC-19, WUTR-20, WXX-20, WNHT-21, WND-50, WXXA-23(rare), WNJS-23, WEZF-33, WWLP-22, WCNV-24, WNE-25, WMEG-26, WSMW-27, WVER-28, WNNY-22, WVT-41, Ottawa-33, also 45-French, WSEK-38, WGBX-44, WLVI-56, WQTV-68, WVIT-30.

Sept. 9 - Tr WFAT-19, WCDC-19, WSEK-38, WGBX-44 & others to the east.

Oct. 11 Tr A.M. - Good to west; WGVK-52, Chicago U's, Rockford U's, several WI U's; all Michigan U's, KRIN-32, KHIN-36, KDUB-40; WTIC-61, WVIT-30, WCDC-19, Utica, Scranton, Binghamton, Elmira U's; WGBX-40 and others to the east.

Oct. 12 Tr - Very good; MI, OH, KY U's; KDNL-30, WI U's; Madison, Milwaukee, Green Bay U's; KRIN-32, KDUB-40, Chicago U's, Rockford, Decatur, WICD-15, WJPT-14 testing; east good; Utica, Syracuse, Albany Elmira, Binghamton, Scranton, MA, CT U's(rare); CIVQ-15, IL, IA, WI, MI, OH, KY, U's, too many to list. Philly U's, WDC-20, WETA-26, WHMM-32, WQCR-50; Harrisburg 21,27; Red Lion-49, Allentown-39,69; Baltimore-45,54,67; NJ U's-23,41,52; Richmond-23; WCV-23, WHRO-15, WYAH-27, WRBV-65, WTEY-54, CT U's, MA; WCDC-19, WSMW-27, WXXA-23, CICO-24, WPM-43, WLYH-15, WITF-33, WTV-51, WMHT-17; Watertown, Norwood, WAPB-22, W36AB.

Oct. 14 Tr A.M.- NYC 2,4,5,7,9; Baltimore 11,13; Syracuse, WMUR-9, WPVI-6, KYW-3, WCAU-10; WLNE-6, WWBT-12, WJLA-7, WDM-9, WTVZ-33, DC 20,26,32,50; WBFF-45, WNUV-54; Philly 17,29,57; WTV-51, WGBX-57, WVIT-30, WEDW-49, WTIC-61, WNHT-21, WND-50, Boston, Cambridge-25,38,56,68; WSNL-67, WJNB-58, WCDC-19, WMHT-17, WXXA-23, WEDH-24, WCNV-24, WHAG-25, WJLA-26, WYAH-27, WRLH-35, WNYC-56 WCV-23; Harrisburg U's; PA-43,49,69, WLYH-15, WFAT-19, WAPB-22, WMDT-47, WMPB-67, WLVT-39, Watertown, Norwood, Utica, Ohio Valley U's; WQTV-41, WSMW-27, WCFE-57; Utica 20,33; WITF-33, WTKK-66, WWPB-31, W36AB and many xlters; even a couple of VA xlters; probably 50 or more xlters in evening; WLYH-15, CIVM-17, CIVQ-15, CICO-24, CHOT-40, WNPE-16, WNPI-16 and lots of xlters; most NY state.

Oct. 15 Tr A.M. WKMR-38, WCET-48, WOSU-34, WITE-28, WOUC-44, WOUB-20, WNEO-45; Pittsburgh U's, WNPB xltr on 41; WBO-42, WLJC-65, W65--(OH xltr), WISF-61, W58AM, MI U's 23,25,28,41,19,47; CBLFT-15, CBLFT-32, WNPE-16, WTVQ-36, WTAP-15, WHIZ-18, WDLI-17, WOAC-67, WSFJ-51.

Eastern TV-DX

Seybold; continued---

December 1984

Oct. 26 Tr Baltimore, Washington U's, WITF-33 and PA U's. Also, Es on ch.2 at 1000; no I.D. Some comments on Tr Oct.11-15. This was a continuous tropes period with some periods of tropes covering a very large span east to west and north to south. It will be interesting to see reports of some hauls made by DXers on the far ends of this opening. For example, I had St. Louis and Quebec, and Quebec to North Carolina. Also, the signals I observed were very strong. Strange as it was, I had put aside this weekend for DXing on a short vacation is the immediate area and it turned out to be a super tropes period. Even the translator channels were loaded. All DX in that period was by mobile TV on high hill locations moving from top of hill to slightly lower sights on each side of hill starts cutting down some signals and allowing others to come in. Tops was when NYC vhf came through at 0400 and after also Philly, Washington V's. There was much DX in during all hours of night. Also, dense fog most of time except afternoons when it was sunny and nothing to take me away from DX. Hope others did well.

Worldwide TV-FM DX Association

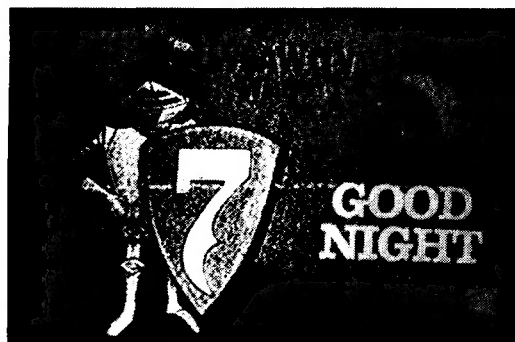


David J. Nieman
12284 Nice Road
Akron, NY 14001
USA

December 1984

ROAD
ACTIVE 8 NEWS MOLINE ILL
KFD 25
NEXT: CLOSING DON JONES
AVERAGES RED A SINGLE TO
BRING IN THE WINNING RUN
IN THE EIGHTH INNING.

WQAD-8 Moline, IL 375
mile tropo from 1982 (CP)



WSAW-7 Wausau, WI 360
mile tropo from 1982 (CP)



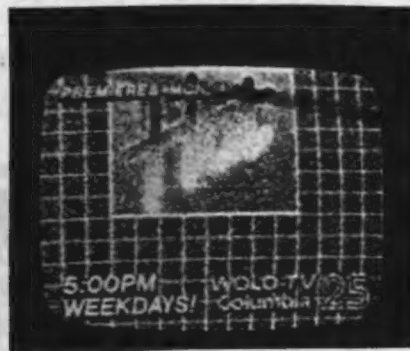
WIS-10 Columbia SC 384 mile
tropo from July 5, 1984 (JC)



WCCB-18 Charlotte NC 463 mile
tropo from July 5, 1984 (JC)



WPTF-28 Durham NC 514 mile
tropo from July 5, 1984 (JC)



WOLO-25 Columbia SC 379 mile
tropo from July 5, 1984 (JC)



KTBS-3 Shreveport LA
1100 mile E-skip
from June 21, 1984 (DN)



WBTX-3 Bryan TX 1280 mile
E-skip from July 26, 1984 (DN)



WABG-6 Greenwood MS 900
mile E-skip from
May 19, 1984 (DN)



WETI-25 Saginaw MI
290 mile tropo from
June 4, 1984 (DN)



WCIA-3 Champaign IL 959 mile
E-skip no date given (JP)



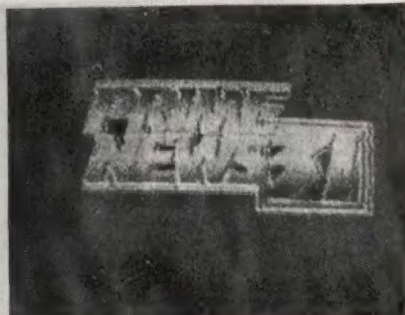
WUHQ-41 Battle Creek MI
340 mile tropo from
March 1984 (DN)



WVTA-41 Windsor VT
300 mile tropo from
June 20, 1984 (DN)



WBRZ-2 Baton Rouge LA
743 mile E-skip from
October 21, 1984 (JP)



KLAX-31 Alexandria LA 644 mile
tropo from Oct. 29, 1983 (JP)



WKZO-3 Kalamazoo MI 1148 mile
E-skip from July 29, 1983 (JP)



XHD-4 Tampico TAM 792 mile
E-skip from Oct. 2, 1983 (JP)



WPMI-15 Mobile AL 936 mile
tropo from Oct. 30, 1983 (JP)

I'd like to thank everyone
who contributed photos of
their DX stations and their
DX shacks.

The photos for this year end
edition of Photo News are
from:

Paul Gaines (CP) Detroit MI
John Combs (JC) Orlando FL
Jim Pizzi (JP) Lovington NM
Dave Nieman (DN) Akron NY

HAPPY HOLIDAYS AND
THE BEST TO ALL
IN 1985

Dave



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July	1974	September	1980	July	1983
September	1974			August	1983
October	1974	November	1980	September	1983
December	1974	December	1980	October	1983
		January	1981	December	1983
		February	1981	May	1984
		March	1981	June	1984
		April	1981		
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		September	1981		

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